

**ASHA:** This program is offered for 1.10 ASHA CEUs (Intermediate level, Professional area). Instructional Personnel Disclosures, financial and non-financial, can be found at chop.cloud-cme.com.

***Course Directors***

**Kathleen Gibbs, MD***Attending Neonatologist*

*Medical Director, Newborn and Infant Chronic Lung Disease Program*

*Harriet and Ronald Lassin Newborn/Infant Intensive Care Unit (N/IICU), Children’s Hospital of Philadelphia*

*Associate Medical Director, N/IICU*

*Associate Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Kathleen Gibbs discloses she receives a salary from Perelman School of Medicine at the University of Pennsylvania
Non-Financial Relationship Disclosure: Kathleen Gibbs has no relevant non-financial relationships to disclose.

**Kathleen Nilan R.N.**
*Nurse Coordinator*

*Newborn and Infant Chronic Lung Disease Program, N/IICU, Children’s Hospital of Philadelphia*
Financial Relationship Disclosure: Kathleen Nilan discloses she receives a salary from Children’s Hospital of Philadelphia.
Non-Financial Relationship Disclosure: Kathleen Nilan has no relevant non-financial relationships to disclose.

**Huayan Zhang, M.D.**
*Attending Neonatologist, N/IICU*

*Director Newborn and Infant Chronic Lung Disease Program, Children’s Hospital of Philadelphia*

*Associate Professor of Clinical Pediatrics*

*Chief, Division of Neonatology and Center for Newborn Care Guangzhou*

*Women and Children's Medical Center*

Financial Relationship Disclosure: Huayan Zhang discloses she receives a salary from Perelman School of Medicine at the University of Pennsylvania
Non-Financial Relationship Disclosure: Huayan Zhang has no relevant non-financial relationships to disclose.

***Guest Faculty***

**Steven Abman, MD**

*Steven H. Abman, MD*

*Professor, Department of Pediatrics*

*Director, Pediatric Heart Lung Center*

*University of Colorado School of Medicine and Children's Hospital Colorado*

Financial Relationship Disclosure: Steven Abman discloses her receives lab research grant from United Theraputics

Non-Financial Relationship Disclosure: Steven Abman has no relevant non-financial relationships to disclose.

**Eduardo Bancalari, MD**

*Professor of Pediatrics, Obstetrics and Gynecology*

*Director, Division of Neonatology*

*University of Miami Miller School of Medicine*

Financial Relationship Disclosure: Eduardo Bancalari is receiving an honorarium from the Newborn and Infant Chronic Lung Disease Program @ Children's Hospital of Philadelphia for presenting/lecturing. Dr. Bancalari discloses he has a license agreement with Vyaire Medical

Non-Financial Relationship Disclosure: Eduardo Bancalari has no relevant non-financial relationships to disclose.

**Rachel Day, MD**

*Parent Speaker*

Financial Relationship Disclosure: Rachel Day discloses she receives a salary from Oneskin Dermatologic, LLC.

Non-Financial Relationship Disclosure: Rachel Day has no relevant non-financial relationships to disclose.

**Shazia Bhombal, MD**

*Clinical Associate Professor, Pediatrics*

*Medical Director, NICU Heart Team*

*Division of Neonatal & Developmental Medicine*

*Stanford University School of Medicine*

Financial Relationship Disclosure: Shazia Bhombal discloses she receives a salary from Stanford University

Non-Financial Relationship Disclosure: Shazia Bhombal has no relevant non-financial relationships to disclose.

**Jillane Downs, MS, APRN, NNP-BC**

*Comprehensive Center for Bronchopulmonary Dysplasia Program, NICU*

*Nationwide Children’s Hospital*

Financial Relationship Disclosure: Jillane Downs discloses she receives a salary from Nationwide Children’s Hospital.

Non-Financial Relationship Disclosure: Jillane Downs has no relevant non-financial relationships to disclose.

**Kara Goss, MD**

*Assistant Professor of Medicine and Pediatrics*

*Division of Allergy, Pulmonary and Critical Care
University of Wisconsin*

Financial Relationship Disclosure: Kara Goss is receiving an honorarium from the Newborn and Infant Chronic Lung Disease Program @ Children's Hospital of Philadelphia for presenting/lecturing. Dr. Goss discloses contracted research with United Theraputics.

Non-Financial Relationship Disclosure: Kara Goss has no relevant non-financial relationships to disclose.

**Alicia Grenolds RN, MSN, CPNP**

*Senior Instructor*

*The Breathing Institute & Pediatric Heart Lung Center*

*Children's Hospital Colorado*

Financial Relationship Disclosure: Alicia Grenolds discloses she receives a salary from University of Colorado.

Non-Financial Relationship Disclosure: Alicia Grenolds has no relevant non-financial relationships to disclose

**Melissa Hanin, MS, OT/L**

*Neonatal Therapist*

*Developmental Coordinator, CCBPD*

*Nationwide Children’s Hospital*

Financial Relationship Disclosure: Melissa Hanin discloses she receives a salary from Nationwide Children’s Hospital.

Non-Financial Relationship Disclosure: Melissa Hanin has no relevant non-financial relationships to disclose

**Martin Keszler, MD**

*Professor of Pediatrics*

*Warren Alpert Medical School of Brown University*

*Associate Medical Director, Neonatal Intensive Care Unit*

*Director of Respiratory Services*

*Women & Infants Hospital of Rhode Island*

Financial Relationship Disclosure: Martin Keszler disclosures he receives consulting fee and speaking fee from Draeger Medical and grants from Mallinckrodt.

Non-Financial Realtionship Disclosure: Martin Keszler has no relevant non-financial relationships to disclose

**Philip Levy, MD**

*Assistant Professor, Division of Newborn Medicine, Department of Pediatrics,*

*Harvard Medical School and Boston Children’s Hospital, Boston, MA*

Financial Relationship Disclosure: Philip Levy discloses he receives a salary from Boston Children’s Hospital.

Non-Financial Relationship Disclosure: Philip Levy has no relevant non-financial relationships to disclose

**Susan Lynch, MD**

*Attending Neonatologist*

*Clinical Director, Comprehensive Center for Bronchopulmonary Dysplasia*

*Nationwide Children’s Hospital, Columbus, Ohio*

*Associate Professor, Ohio State University*

Financial Relationship Disclosure: Susan Lynch discloses she receives a salary from Nationwide Children’s Hospital.

Non-Financial Relationship Disclosure: Susan Lynch has no relevant non-financial relationships to disclose

**Karen Mestan, MD**

*Associate Professor, Pediatrics/Neonatology*

*Director, Perinatal Origins of Disease Research Program*

*Lurie Children's Hospital/Stanley Manne Children's Research Institute of Chicago &*

*Northwestern University Feinberg School of Medicine*

Financial Relationship Disclosure: Karen Mestan discloses that she receives a salary from Pediatric Faculty Foundation (PFF) of Lurie Children’s Hospital and has received grants from Ann & Robert H. Lurie Children’s Hospital of Chicago/ Stanley Manne Children’s Research Institute, Northwestern University Feinberg School of Medicine, and University of California San Francisco.

Non-Financial Relationship Disclosure: Karen Mestan discloses she has an institutional non-financial relationship with Ann & Robert H. Lurie Children’s Hospital of Chicago, and Northwestern University Feinberg School of Medicine/Northwestern Memorial Hospital.

**Thomas Miller, PhD, MBA**

*Vice President and Global Head, Pediatric Development*

*Bayer, Whippany, New Jersey, United States*

Financial Relationship Disclosure: Thomas Miller discloses he receives a salary from Bayer and receives consulting fee from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Thomas Miller has no relevant non-financial relationships to disclose

**Michael C. Tracy, MD**

*Director of Bronchopulmonary Dysplasia Clinic*

*Clinical Assistant Professor, Pulmonary Medicine*

*Lucile Packard Children’s Hospital Stanford*

*Stanford University School of Medicine*

Financial Relationship Disclosure: Michael Tracy discloses he receives a salary from Stanford University.

Non-Financial Relationship Disclosure: Michael Tracy has no relevant non-financial relationships to disclose

***Course Faculty***

**Stamatia Alexiou, MD**

*Attending Physician, Division of Pulmonary Medicine*

*Children’s Hospital of Philadelphia*

*Assistant Professor of Pediatrics*

Financial Relationship Disclosure: Stamatia Alexiou discloses she receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Stamatia Alexiou has no relevant non-financial relationships to disclose

**Amanda Ball, MMS, PA-C**

*Physician Assistant, N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Amanda Ball discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Amanda Ball has no relevant non-financial relationships to disclose

**Nicolas Bamat, MD, MSCE**

*Attending Neonatologist, N/IICU*

*Children’s Hospital of Philadelphia*

*Instructor in Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Nicolas Bamat discloses he receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Nicolas Bamat discloses that he has a professional non-financial relationship disclosure as a member of the CHOP CLD program

**Emily Bingham RD-AP, CNSC, LDN**

*Neonatal Dietitian, N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Emily Bingham discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Emily Bingham has no relevant non-financial relationships to disclose

**Emma Bracken, RN, BSN**

*Clinical Nurse, N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Emma Bracken discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Emma Bracken has no relevant non-financial relationships to disclose

**Meghan Burkhardt, MS, OTR/L, BCP**

*Education and Development Coordinator*

*Pediatric Occupational Therapy Fellowship Coordinator*

*Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Meghan Burkhardt discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Meghan Burkhardt has no relevant non-financial relationships to disclose.

**Jayne Celeste, RN, ADN**

*Clinical Nurse: Peak 1*

*N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Jayne Celeste discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Jayne Celeste has no relevant non-financial relationships to disclose.

**Elizabeth A. Cross, PT, DPT, MSW, CLT**

*Physical Therapy Outpatient Supervisor, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Elizabeth Cross discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Elizabeth Cross discloses she has a professional non-financial relationship with APTA (American Physical Therapy Association).

**Sara DellaVolpe, BS, CCLS**

*Certified Child Life Specialist II*

*N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Sara DellaVolpe discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Sara Dellavolpe has no relevant non-financial relationships to disclose

**Sara B. DeMauro, MD, MSCE**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Program Director, Neonatal Follow-up*

*Associate Professor of Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Sara DeMauro discloses she receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Sara DeMauro has no relevant non-financial relationships to disclose

**Yoav Dori M.D. Ph.D.**

*Director of Pediatric Lymphatic Imaging and Interventions and Lymphatic Research*

*Children’s Hospital of Philadelphia Interventional Cardiologist*

*Assistant Professor of Cardiology*

Financial Relationship Disclosure: Yoav Dori has no relevant financial relationships to disclose

Non-Financial Relationship Disclosure: Yoav Dori has no relevant non-financial relationships to disclose

**Kevin Dysart, MD**

*Associate Medical Director, N/IICU, Children’s Hospital of Philadelphia,*

*Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Kevin Dysart discloses he receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Kevin Dysart has no relevant non-financial relationships to disclose

**William Fox, MD**

*Attending Neonatologist, N/IICU Children’s Hospital of Philadelphia,*

*Director, Infant Breathing Disorders Center, N/IICU*

*PI, Frontier Program*

*Professor Emeritus of Pediatrics*

Financial Relationship Disclosure: William Fox discloses he receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: William Fox has no relevant non-financial relationships to disclose

**Kara Harris, RN, BSN**

*Clinical Nurse II*

*N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Kara Harris discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Kara Harris has no relevant non-financial relationships to disclose

**Erik A. Jensen, MD, MSCE**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Assistant Professor of Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Erik Jensen has no financial relationships to disclose

Non-Financial Relationship Disclosure: Erik Jensen has no relevant non-financial relationships to disclose

**Amy G. Kelly BSN, RNC-NIC**

*Clinical Nurse Expert, Peak II*

*N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Amy Kelly discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Amy Kelly discloses that she has a non- financial personal, professional and institutional relationship with Safe & snug as lead inventor, which was developed with OIE/CHOP and has a personal non-financial relationship as a member of the Chronic Lung Disease Committee.

**Pablo Laje, MD**

*Attending Surgeon*

*Division of General, Thoracic and Fetal Surgery*

*Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Pablo Laje discloses he receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Pablo Laje has no relevant non-financial relationships to disclose.

**Kathryn Maschhoff, MD, PhD**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Associate Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Kathryn Maschhoff discloses she receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Kathryn Maschhoff has no relevant non-financial relationships to disclose

**Kristin McKenna, MD, MPH**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Associate Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Kristin McKenna discloses she receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Kristin McKenna has no relevant non-financial relationships to disclose

**Heidi Morris M.M.S, PA-C**

*Physician Assistant, N/IICU, Children's Hospital of Philadelphia*

*Research Coordinator-Newborn and Infant Chronic Lung Disease Program*

Financial Relationship Disclosure: Heidi Morris discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Heidi Morris has no relevant non-financial relationships to disclose

**David Munson, MD**

*Attending Neonatologist*

*Medical Director, N/IICU, Children’s Hospital of Philadelphia*

*Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: David Munson discloses he receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: David Munson has no relevant non-financial relationships to disclose

**Shawn O’Brien, RRT-NPS, RN**

*Senior Respiratory Therapist, Children’s Hospital of Philadelphia*
Financial Relationship Disclosure: Shawn O’Brien discloses he receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Shawn O’Brien has no relevant non-financial relationships to disclose

**Joanne Patykula, MSN, CRNP, PPCNP-BC, NNP-BC**

*Nurse Practitioner*

*N/IICU, Children’s Hospital of Philadelphia*

Financial Relationship Disclosure: Joanne Patykula discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Joanne Patykula has no relevant non-financial relationships to disclose.

**Iyalla E. Peterside, MD, MRCP, FAAP**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Professor of Clinical Pediatrics, Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Iyalla Peterside discloses he receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Iyalla Peterside has no relevant non-financial relationships to disclose.

**Lydia D. Rawlins M.Ed. OTR/L**

*Acute Care Occupational Therapy Supervisor*

*Children’s Hospital of Philadelphia*
Financial Relationship Disclosure: Lydia Rawlins discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Lydia Rawlins has no relevant non-financial relationships to disclose.

**Leane Soorikian, RT-NPS**

*Respiratory Clinical Specialist, N/IICU*

*Special Delivery Unit*

*Children’s Hospital of Philadelphia*Financial Relationship Disclosure: Leane Soorikian discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Leane Soorikian has no relevant non-financial relationships to disclose.

**Jason Z. Stoller, MD**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Associate Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Jason Stoller discloses he receives grants from Mallinckrodt Pharmeceuticals.

Non-Financial Relationship Disclosure: Jason Stoller has no relevant non-financial relationships to disclose.

**Lauren A. Stracuzzi, MSN, RNC-NIC, ACCNS-P**

*Clinical Nurse Specialist, N/IICU, Children’s Hospital of Philadelphia*Financial Relationship Disclosure: Lauren Stracuzzi discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Lauren Stracuzzi has no relevant non-financial relationships to disclose.

**Dalal K. Taha, D.O.**

*Attending Neonatologist, N/IICU, Children’s Hospital of Philadelphia*

*Assistant Professor of Clinical Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Dalal Taha discloses she receives a salary from the University of Pennsylvania.

Non-Financial Relationship Disclosure: Dalal Taha has no relevant non-financial relationships to disclose.

**Beth Thomas, MHS, PA-C**

*Physician Assistant, N/IICU, Children's Hospital of Philadelphia*

Financial Relationship Disclosure: Beth Thomas discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Beth Thomas has no relevant non-financial relationships to disclose

**Karen Warren, MSN, NNP-BC**

*Nurse Practitioner, N/IICU, Children's Hospital of Philadelphia*

Financial Relationship Disclosure: Karen Warren discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Karen Warren has no relevant non-financial relationships to disclose

**Julia Welc MA, CCC/SLP**

*Inpatient Coordinator, Speech-Language Pathology*

*Children's Hospital of Philadelphia*

Financial Relationship Disclosure: Julia Welc has discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Julia Welc has no relevant non-financial relationships to disclose

**Audrey Wood PT, MS, DPT, PCS***Physical Therapist III
N/IICU, Children's Hospital of Philadelphia*

Financial Relationship Disclosure: Audrey Wood has discloses she receives a salary from Children’s Hospital of Philadelphia.

Non-Financial Relationship Disclosure: Audrey Wood has no relevant non-financial relationships to disclose

**Lisa R. Young, MD**

*Division Chief, Division of Pulmonary Medicine*

*Children’s Hospital of Philadelphia*

*John M. Keating Endowed Chair in Pulmonary Medicine*

*Professor of Pediatrics*

*Perelman School of Medicine at the University of Pennsylvania*

Financial Relationship Disclosure: Lisa Young discloses she receives a salary from University of Pennsylvania.

and Children’s Hospital of Philadelphia. Lisa Young discloses the following: receives grants from NIH and Penn Orphan Disease Center; consulting fee from Boehringer Ingelheim Pediatric Advisory Board; royalty from UP to Date authorship and patent from VEGF-D as a biomarker-no personal royalties or royalties to her current institution.

Non-Financial Relationship Disclosure: Lisa Young has no relevant non-financial relationships to disclose