



# The Beckwith-Wiedemann Spectrum Symposium: Bridging Research and Care

Friday, July 18 – Sunday, July 20, 2025

Children's Hospital of Philadelphia HUB  
for Clinical Collaboration or Live Stream

Learn more: [chop.cloud-cme.com](https://chop.cloud-cme.com)

## Course Overview

This years Beckwith-Wiedemann Spectrum (BWSp) Symposium will provide updates on the current diagnostic and clinical management information and the latest research findings on the condition. Conference attendees will be educated on the vast spectrum of presenting clinical features, current clinical management practices, and common medical procedures. Researchers from Children's Hospital of Philadelphia will be joined by collaborators from around the world to present ongoing BWSp research topics as well. Understanding this information is crucial in providing optimal care to patients with BWSp. This conference is designed for clinicians, families with children who have BWSp, and adults with BWSp. The audience will be encouraged to further educate other clinicians and caregivers at their home institution.

## Course Objectives

- Describe the (epi)genetics and clinical features of BWSp
- More accurately diagnose patients with BWSp
- Improve clinical care of individuals with BWSp
- Provide educational materials with providers at their home institution
- Share the latest updates on BWSp research

## General Information and Course Registration Fees

### In-Person Registration Fees

**Physicians:** \$75   **Other Healthcare Providers:** \$50   **Family:** \$10/adult

*Attending the conference in person includes continental breakfast, refreshments, lunch, and course materials.*

### Virtual Registration Fees

**Healthcare Providers:** \$40   **Family:** \$20/family

*Attending the conference virtually includes livestream access to the conference and access to view online course materials.*

## Accreditation



In support of improving patient care, this activity has been planned and implemented by Children's Hospital of Phila. Children's Hospital of Philadelphia is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## Designation of Credit

**Physicians:** Children's Hospital of Philadelphia designates this live activity for a maximum of 9.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This program provides 9.25 ANCC contact hours.

## Joint Accreditation



IPCE CREDIT™

This activity was planned by and for the healthcare team, and learners will receive 9.25 Interprofessional Continuing Education (IPCE) credit for learning and change.

## Continuing Genetic Counselor Credits

Genetic counselors may apply directly for Category 2 CEUs after they have attended the CHOP BWSp Conference. This event meets the criteria to be applicable for Category 2 CEUs.

For more information on how to apply: [nsgc.org](https://nsgc.org)

## Hotel Accommodations

A block of rooms has been reserved at reduced rates at The Study at University City, 20 S 33rd St, Philadelphia, PA 19104, located just a few blocks from Children's Hospital. The group overnight rate is \$219 single and double occupancy plus a 16.25% room tax. Participants are required to make their own hotel reservations by calling The Study directly at 215-387-1400. Please mention the name of the conference when making your reservation. The special room rate will be available until Friday, May 9, 2025. After that date, reservations will be accepted on a space and rate availability basis.

## Cancellation and Refund Policy

Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children's Hospital of Philadelphia will refund any registration fees but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines/travel agencies. In order to process refunds for course withdrawals, cancellations must be received in writing by Monday, July 7, 2025. No refunds will be issued thereafter.

## Services for People With Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.



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## PROGRAM

### Friday, July 18, 2025

- 5:00 p.m.      Registration
- 6:00 p.m.      Opening Reception and Welcome Remarks  
*Jennifer M. Kalish, MD, PhD*
- 6:30 p.m.      Dinner

### Saturday, July 19, 2025

- 8:00 a.m.      Registration and Breakfast
- An Introduction to BWSp**
- 9:00 a.m.      Introduction to BWSp and Clinical Features  
*Jennifer M. Kalish, MD, PhD*
- 9:30 a.m.      A Historic Case Review: The Original BWSp Slides  
*Bruce Pawel, MD*
- 9:45 a.m.      Molecular Aspects of BWSp  
*Arupa Ganguly, PhD*
- 10:00 a.m.      Tumor Screening in BWSp  
*Suzanne MacFarland, MD*  
*Kristin Zelle, MS, LCGC*
- 10:15 a.m.      Q&A
- 10:30 a.m.      Break
- BWSp Experts Panel Discussion**  
*\*This session is not eligible for CE credit*
- 11:00 a.m.      Understanding Macroglossia in BWSp  
*Jesse A. Taylor, MD*  
*Cassandra Ligh, MD*
- BWSp and Sleep**  
*Christopher M. Cielo, DO*

- 11:00 a.m. Orthodontics and Jaw Development in BWSp**  
*Hyun-Duck Nah-Cederquist, DMD, MSD, PhD*
- Management of Hypoglycemia and Hyperinsulinism in BWSp**  
*Diva De Leon-Crutchlow, MD, MSCE*
- BWSp and Lateralized Overgrowth**  
*Michela Mansfield, MSN, CRNP*  
*Richard S. Davidson, MD*
- 12:00 p.m. Lunch**
- Development in BWSp and Resources**
- 1:00 p.m. Speech Development in BWSp**  
*Makaela Somma, MS, CCC-SLP*
- 1:15 p.m. BWSp and Development**  
*Carlyn Glatts, MD*
- 1:30 p.m. Post-traumatic Stress and Post-traumatic Growth in Caregivers of Children with Beckwith-Wiedemann Spectrum: The Roles of Appraisal and Coping**  
*Rachel Ottman, PsyD, BCB*
- 1:45 p.m. Resources for Families**  
*Karen Kilson, MSW, LSW and Cynthia Kropp, MSS, LCSW*
- 2:00 p.m. Q&A**
- 2:15 p.m. Break**
- Research Updates and Ongoing Projects**
- 2:30 p.m. Allele-Specific Methylation Analysis Using Oxford Nanopore Sequencing**  
*Mian Umair Ashan, MPhil*
- 2:45 p.m. Updates on Macroglossia Research**  
*Andrew George, Aravind Viswanathan, and Jennifer M. Kalish, MD, PhD;*  
*Allison Hu, MD and Dominic Romeo, MD*
- 3:00 p.m. Growth Charts for BWSp**  
*Jennifer M. Kalish, MD, PhD*
- 3:15 p.m. An Approach to Lateralized Overgrowth**  
*Allessandro Mussa, MD, PhD*
- 3:30 p.m. Updates on Tumor Screening Guidelines**  
*Zachary Berlant, MD and Jennifer M. Kalish, MD, PhD*
- 3:45 p.m. The Use of Total Body Densitometry in the Study of Body Composition in BWSp**  
*Giuseppe Reynolds, MD*
- 4:00 p.m. Distinctive Clinical and Biological Features of Adrenocortical Tumors in BWSp**  
*Diana Carli, MD, PhD*
- 4:15 p.m. Q&A**
- 4:30 p.m. Blood Tests for Wilms Tumor Surveillance in Children with BWSp**  
*Jack Brzezinski, MD*
- 4:45 p.m. BWSp in Animal Models**  
*Marisa S. Bartolomei, PhD*

- 5:00 p.m.     **The Placenta in BWS: Clinical Associations and Molecular Mechanisms**  
*Sanam Kavari, MD-PhD Candidate*
- 5:15 p.m.     **Single-nuclei Sequencing Reveals Metabolic Nature of BWSp Liver**  
*Snehal Nirgude, PhD*
- 5:30 p.m.     **A Taste of Tongue Overgrowth in BWSp**  
*Elisia Tichy, PhD*
- 5:45 p.m.     **Assessing Focal Liver Lesions in Beckwith-Wiedemann Syndrome**  
*Laura Davis, MD*
- 6:00 p.m.     **Q&A**
- 6:15 p.m.     **Closing Remarks**  
*Jennifer M. Kalish, MD, PhD*
- 6:30 p.m.     **Dinner**

## Sunday, July 20, 2025

- 8:00 a.m.     **Breakfast**
- 9:00 a.m.     **BWSp Through the Years: Parent Perspectives**
- 9:40 a.m.     **Q&A**
- Breakout Discussions**
- 10:00 a.m.     **Macroglossia**  
                 **BWSp and Development**  
                 **BWSp in Adults**  
                 **Tumor Screening in BWSp**
- 11:00 a.m.     **Break**
- 11:30 a.m.     **American Beckwith-Wiedemann Spectrum Family Foundation**  
*Christopher Eskew; Introduction by Monica Bertoletti*
- 12:15 p.m.     **Next Steps in BWSp Research**  
*Jennifer M. Kalish, MD, PhD*
- 12:30 p.m.     **Leave for Phillies Game (pre-registration required)**



*Unless otherwise noted, faculty is from the Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.*

## Course Director

**Jennifer M. Kalish, MD, PhD**  
*Director, Beckwith-Wiedemann  
Syndrome Program of Excellence  
Attending Physician, Human Genetics  
Assistant Professor of Pediatrics*

## Conference Planning Committee

**Abigail Casanova, MSN, RN, CRNP, CPNP-PC**  
*Nurse Practitioner, BWS Clinic*

**Evan R. Hathaway, MS, LCGC**  
*Genetic Counselor, BWS Clinic*

**Alexander Kaplan, MHA**  
*Program Coordinator, Division of Oncology*

**Salima Nesbitt, RN, BSN**  
*Nurse Practitioner, BWS Clinic*

## Course Faculty

**Mian Umair Ashan, M.Phil.**  
*Research Lab Manager  
Pathology and Lab Medicine*

**Marisa S. Bartolomei, PhD**  
*Co-director, Epigenetics Program  
Professor of Cell and Developmental Biology*

**Zachary Berlant, MD**  
*Fellow  
Division of Oncology*

**Monica Bertolotti**  
*AIBWS ODV  
Italy*

**Jack Brzezinski, MD**  
*Paediatric Oncologist, Division of Haematology/Oncology  
The Hospital for Sick Children, Toronto, Canada*

**Diana Carli, MD, PhD**  
*Assistant Professor (RTDB) in Medical Genetics  
Department of Medical Sciences  
University of Torino, Italy*

**Christopher M. Cielo, DO**  
*Attending Physician, Pulmonary Medicine  
Assistant Professor of Pediatrics*

**Richard S. Davidson, MD**  
*Attending Surgeon, Orthopaedic Surgery  
Professor of Orthopaedic Surgery*

**Laura Davis, MD**  
*Radiology Research Fellow  
Department of Radiology*

## Course Faculty (continued)

**Diva D. De León-Crutchlow, MD, MSCE**  
*Director, Congenital Hyperinsulinism Center*  
*Chief, Endocrinology and Diabetes*  
*Attending Physician, Endocrinology*

**Christopher Eskew**  
*Founder, American Beckwith-Wiedemann Spectrum Family Foundation*

**Arupa Ganguly, PhD**  
*Director, Genetic Diagnostic Laboratory*  
*Professor of Genetics*

**Andrew George**  
*Clinical Research Assistant*  
*BWS Registry*

**Carlyn Glatts, MD**  
*Attending Physician*  
*Developmental and Behavioral Pediatrics*

**Allison Hu, MD**  
*Craniofacial Clinical Research Fellow*  
*Division of Plastic, Reconstructive and Oral Surgery*

**Sanam Kavari**  
*MD-PhD Candidate*

**Karen Kilson, MSW, LSW**  
*Advanced Practice Level 1, Social Worker*  
*CHOP Delaware County Primary Care Network*

**Cynthia Kropp, MSS, LCSW**  
*Social Worker*  
*CHOP Primary Care*

**Cassandra Ligh, MD, FACS**  
*Attending Physician*  
*Division of Plastic, Reconstructive and Oral Surgery*

**Suzanne MacFarland, MD**  
*Attending Physician*  
*Cancer Predisposition Program, Division of Oncology*

**Michela Mansfield, MSN, CRNP**  
*Nurse Practitioner*  
*Orthopedic Center*

**Alessandro Mussa, MD, PhD**  
*Scientific Committee of the Italian Beckwith-Wiedemann Syndrome Association*  
*Attending Physician, Department of Public Health and Pediatrics*  
*University of Torino, Italy*

**Hyun-Duck Nah-Cederquist, DMD, MSD, PhD**  
*Director, Craniofacial Research Laboratory*  
*Orthodontist*  
*Clinical Associate Professor, University of Pennsylvania School of Dental Medicine*

**Snehal Nirgude, PhD**  
*Postdoctoral Research Fellow*  
*Department of Human Genetics*



## Course Faculty (continued)

**Rachel Ottman, PsyD, BCB**  
*Postdoctoral Psychology Fellow*  
*LifeStance Health*

**Bruce Pawel, MD**  
*Chief of Anatomic Pathology*  
*Attending Physician*  
*Professor of Clinical Pathology, Keck School of Medicine of USC*

**Giuseppe Reynolds, MD**  
*Pediatric Resident, Department of Public Health and Pediatric Sciences*  
*University of Torino, Italy*

**Dominic Romeo, MD**  
*First Year Resident*  
*Division of Plastic & Reconstructive Surgery*  
*Stanford University*

**Makaela Somma, MS, CCC-SLP**  
*Speech-Language Pathologist*  
*Department of Speech-Language Pathology*

**Jesse A. Taylor, MD**  
*Co-director, Cleft Lip and Palate Program*  
*Chief and Attending Physician*  
*Plastic and Reconstructive Surgery*  
*Associate Professor of Surgery*

**Elisia Tichy, PhD**  
*Staff Scientist*  
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*Genetic Counseling Manager, Cancer*  
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