

TSDA VIRTUAL GENERAL SESSION

SEPTEMBER 13, 2021

7:00 P.M. – 9:00 P.M. ET

Faculty Development Committee Report

TSDA Faculty Development Committee

John Cleveland

Taryne Imai

Jules Lin

Arjun Pennathur

Penny Potvin

Frederick Tibayan

Elizabeth David, Vice-Chair

Stephen C. Yang, Chair

TSDA General Session Sept. 13, 2021

Faculty Development Committee: *Goals*

- **Provide professional education development to the following audience: PDs, APDs, PCs, teaching faculty**
- **Partner with other professional organizations to support faculty engagement and career advancement with regards to education**
- **Deliver effective knowledge and skill-building programs for our targeted audience**

TSDA Faculty Development Webinars

Date	Main Topics	Breakout Sessions	Registered/Attended
4/3/2021	<i>Milestones 2.0</i> <i>Introduction (Laura Edgar)</i>	<i>Cardiac (David Bull)</i> <i>Thoracic (Brian Mitzman)</i>	
5/10/2021	<i>What is Faculty Development?</i> <i>(Steve Yang)</i> <i>Curriculum Development</i> <i>(Elizabeth David)</i> <i>Integrate LearnCTS (Jules Lin)</i>	<i>Journal Club (David Odell)</i> <i>Quality Improvement</i> <i>(Taryne Imai)</i> <i>Simulation (Jon Nesbitt)</i>	
8/16/2021	<i>Teaching in the OR</i> <i>(John Cleveland)</i>	<i>Cardiac (Ajay Carpenter)</i> <i>Thoracic (Elizabeth David)</i> <i>Congenital (John Cleveland)</i>	

TSDA FACULTY DEVELOPMENT WEBINAR

*USING EDUCATION FOR PROMOTION &
WELLNESS/BURNOUT*

MONDAY, SEPTEMBER 27, 2021

7:00 P.M. – 8:30 P.M. ET

Faculty Development Committee: *Potential Future Webinar Topics*

- **Dealing with the difficult learner/teacher**
- **Multicultural mentorship**
- **Teaching resident professionalism**
- **How to do educational research**
- **Integrating technology into instruction**

Any other topic requests please let us know!



Thank you!

Beth Winer
Rachel Pebworth
Christina Origel



EARLY SPECIALIZATION COMMITTEE

PURPOSE

To enable and support Program Directors by providing information to facilitate optimization of integrated 6-year and 4/3 programs.

To accomplish these goals, the Committee will roll out webinars to address some common concerns for all Program Directors and trainees.

EARLY SPECIALIZATION COMMITTEE

Ahmet Kilic, Chair, Johns Hopkins Hospital

Matthew Henn, Ohio State University

Kirsten Freeman, Vice Chair, University of Florida

Andrew Lodge, Duke University

Kathleen Berfield, University of Washington

Shari Meyerson, University of Kentucky

Mimi Ceppa, Indiana University

Rita Milewski, Yale-New Haven Medical Center

Joanna Chikwe, Cedars Sinai Medical Center

Jon Wee, Brigham & Women's Hospital

Kirsten Freeman, University of Florida

Pey-Jen Yu, Hofstra-Northwell

Julian Guitron, Christ Hospital

James Yun, Cleveland Clinic

Benjamin Haithcock, University of North Carolina

Sanford Zeigler, Medical University of South Carolina

EARLY SPECIALIZATION COMMITTEE

Program Director Focused Webinars

1. The Underperforming Resident
2. Educating PGY1-3 Residents: Key Considerations
3. Our I-6 or 4/3 Got Cited!
4. Program Leadership and Faculty Roles and Responsibilities

Resident Focused Webinars

1. Navigating Leadership for Residents 2021 and Beyond
2. Navigating Research as a Resident
3. Diversity and Professionalism
4. Resident Development – Early (1-3) and Later (4-6)

Future webinars and programs will focus on early specialization issues and Program Directors' needs.

**CONGENITAL CARDIAC SURGERY
FELLOWSHIP COMMITTEE
REPORT**

CONGENITAL CARDIAC SURGERY FELLOWSHIP COMMITTEE GOALS

- **Disseminate ABTS Changes to Program Directors**
 - Change to 2-year program
 - International pathway for certification
- **Improve Communication Between ABTS/ACGME/TSDA**
 - Identical case requirements
 - Canadian trainees eligible for ACGME training but not ABTS eligible
- **Revision of ACGME Milestones by Program Directors**
- **SF Match Revision**
 - Mandated participation
- **Congenital ITE Revision**

PATHWAY TO CONGENITAL CARDIAC TRAINING

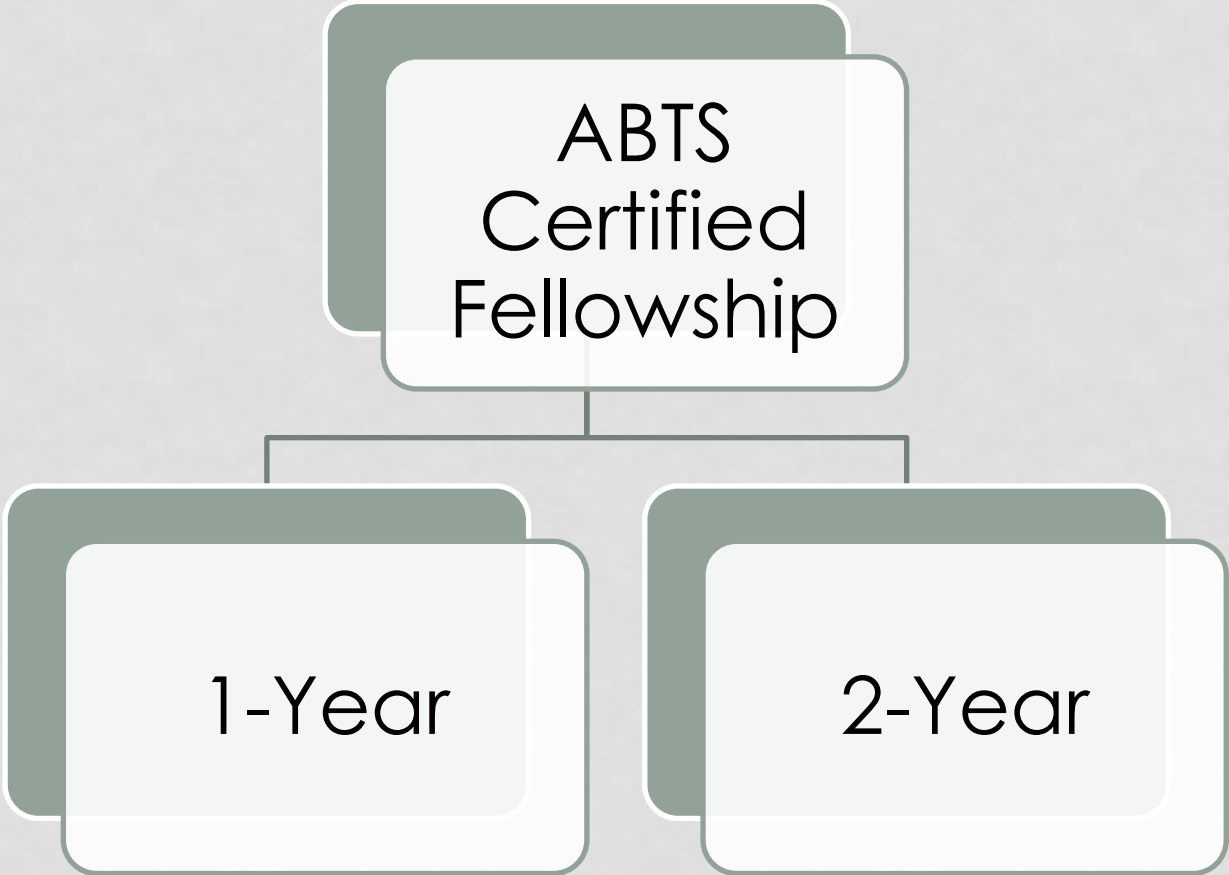
Successful completion of an ACGME-accredited thoracic surgery residency

- Traditional – General or Vascular
- 4/3
- I-6

Exposure during thoracic surgery residency

- 20 cases total – 5 Primary Surgeon and 15 First Assistant

CURRENT PATHWAYS



2023 PATHWAY

ABTS
Certified
Fellowship

2-Year

ABTS Certified Congenital Cardiac Surgery Fellowships

Children's Hospital of Philadelphia, University of Pennsylvania	Philadelphia, PA	Stephanie Fuller, MD, MS
Texas Children's Hospital, Baylor College of Medicine	Houston, TX	E. Dean Mackenzie, MD
Children's Hospital of Los Angeles, University of Southern California	Los Angeles, CA	Jon Cleveland, MD
Cincinnati Children's Hospital	Cincinnati, OH	James S. Tweddell, MD
Children's Hospital Boston, Massachusetts General Hospital	Boston, MA	Francis Fynn-Thompson, MD
Cleveland Clinic Foundation	Cleveland, OH	Tara Karamlou, MD, MSc
Duke University	Durham, NC	Joseph S. Turek, MD, PhD
Emory University School of Medicine	Atlanta, GA	Subhadra Shashidharan, MD
Ann and Robert H. Lurie Children's Hospital, Northwestern University	Chicago, IL	Michael Monge, MD
Stanford University	Stanford, CA	Richard Mainwaring, MD
University of Colorado	Denver, CO	James Jagers, MD
University of Kansas School of Medicine	Kansas City, MO	James E. O'Brien, MD
University of Michigan	Ann Arbor, MI	Jennifer C. Romano, MD, MS
University of Washington	Seattle, WA	Lester C. Permut, MD
Washington University	St. Louis, MO	Pirooz Eghtesady, MD, PhD

ABTS Case Requirements

1. Surgical Volume (Intensity)

The Board's operative experience requirements include performance of a minimum of seventy-five (75) major pediatric congenital cardiac open operative procedures as primary surgeon during each twelve (12) month period of fellowship training.

1-year programs: A minimum of 75 major congenital cardiac cases for a minimum total of 75 cases

2-year programs: A minimum of 75 major congenital cardiac cases each year for a minimum total of 150 cases

INDEX CASES

Operative experience must include at least the following minimum numbers of index cases during the total course of fellowship training:

- 5 Ventricular septal defect repairs
- 5 Atrioventricular septal defect repairs
- 4 Tetralogy of Fallot repairs
- 4 Aortic arch reconstruction (including coarctation) procedures
- 3 Systemic-to-pulmonary artery shunt procedures
- 5 Arterial switch, Norwood, Damus-Kaye-Stansel, truncus arteriosus repairs [any combination to a total of at least 5]
- 5 Bidirectional Glenn/hemi-Fontan and/or Fontan procedures [any combination to a total of at least 5]
- 5 Reoperative procedures [includes adult congenital disease reoperation]

2020 FELLOWSHIP MATCH

CONGENITAL CARDIAC SURGERY

	2020
Programs Participating	11
Positions Offered	11
Positions Filled	10
Positions Remaining	1

Applicants Registered	15
Applicants Participating	12
Applicants Ranked	12
Applicants Matched	10
Applicants Remaining	2
Applicants Withdrawn	1

Program Data

Rank Lists Submitted	11
Vacant Programs	1
Matched 1st	6
Matched 2nd	
Matched 3rd	3
Matched 4th	1
Mean # Applicants Ranked /PP	4.36

Applicant Data

Matched 1st	8
Matched 2nd	2
Matched 3rd	

Impact of Accredited Training Programs in Congenital Heart Surgery

Deborah J. Kozik, DO,* and Brian E. Kogon, MD†

Semin Thoracic Surg 32:492–497

Table 1. Match History^{6,10}

Academic Year	2014–2015	2015–2016	2016–2017	2017–2018	2018–2019	2019–2020
Total programs	12	12	12	13	13	12
Positions offered through the match	6	6	11	11	9	9
Programs waiving the match	6	6	0	0	0	0
Number of match applicants	3	7	7	16	16	21
Positions filled through the match	3	5	6	11	9	9
Positions filled outside of the match	6	6	1	0	0	0

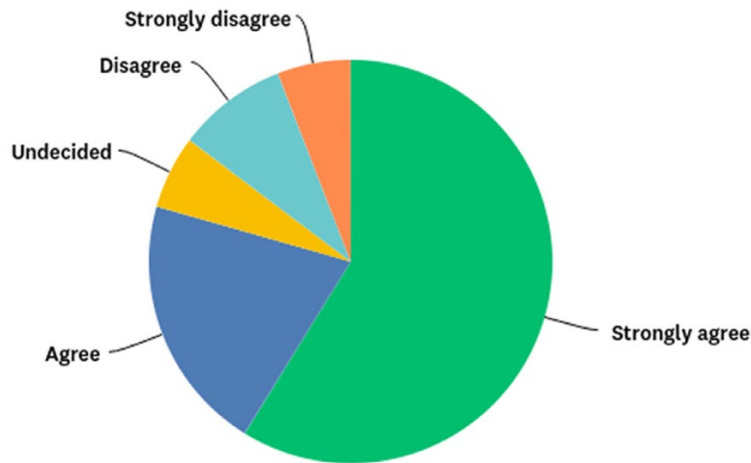


Figure 1. Satisfaction with operative experience.

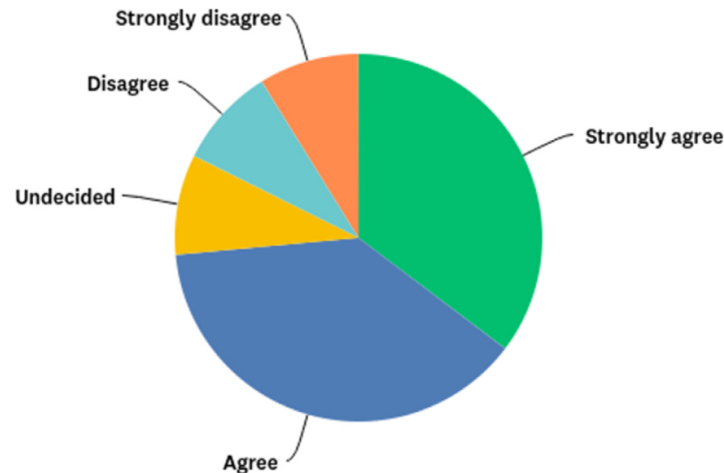


Figure 2. Satisfaction with complex neonatal operative experience.

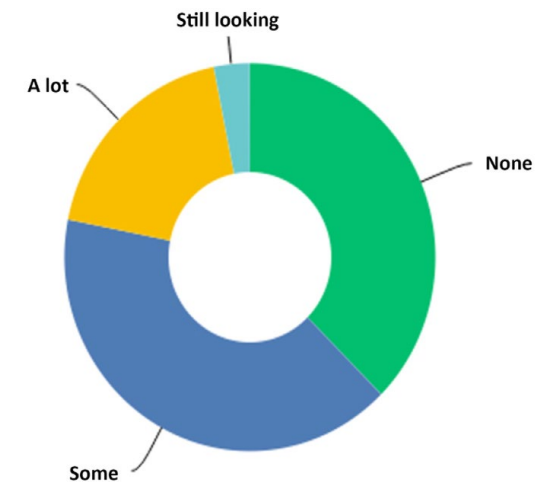


Figure 4. Difficulty in finding a job.