

# FHS NEWSLETTER



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## FHS Governance (as of 7/1/2022)

### President

Mary Donofrio

### Vice President

Nelangi Pinto

### Treasurer

Bhawna Arya

### Secretary

Christopher Lindblade

### Research Officer

Shaine Morris

### Publications Officer

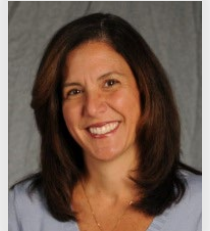
Lisa Hornberger

### Board Members at Large

Lynn Simpson  
Anita Moon-Grady  
Lindsay Freud

## President's Update

As I enter my last year in office, I'd like to reflect for a moment on what we have accomplished. In 2014 a small group of us got together and created a vision of an organization where we could all come together as equals and work collaboratively to move our field forward. It has been a long journey for us all and despite significant challenges, we have grown and thrived. I am so very honored that all of you have entrusted me to lead the way and I very much look forward to the continued success of our Society in the years to come. We now have 633 members representing multiple disciplines and professions including fetal/pediatric cardiology, OB/MFM, radiology, genetics, nursing, and sonography. Our international presence continues to grow in part with members from 24 countries. As always, I'd like to thank our amazing sponsoring institutions, which includes 18 at the gold level and 11 at the platinum level. Without this support, we could not realize our goal of advancing our field through research, education and mentorship. Congratulations to our newest Board Members- Nelangi Pinto, VP; Bhawna Arya, Treasurer; and Anita Moon-Grady, Member at Large. And a heartfelt thank you to all our Board and Committee Chairs and Members who have done an amazing job this past year.



Our Research Mission continues to have great success under the leadership of Shaine Morris as RCC Chair and Lisa Hornberger as Publications Chair. We currently have 15 active projects, with this year bringing us 3 more abstract acceptances to be presented at ASE 2022. Congratulations to Jennifer Cohen, Kelly Cox, and Anita Moon-Grady and the Study Groups of these projects. We also had our second publication using data from a FHS Endorsed Survey. Congratulations to Jenna Keelan, PI and Miwa Gieger, SI and the Writing Group on their manuscript entitled "Current State of Fetal Heart Disease Counseling and Training: Room for Improvement? : Endorsed by the Fetal Heart Society" in Pediatric Cardiology. 2022 Apr 5. doi: 10.1007/s00246-022-02882-4.

Education initiatives continue to expand thanks to our Education, Conference, and Website Committees. Check out our website for updated resources with fact sheets for counseling as well as our library of lectures on fetal echocardiography, both basic and advanced. Our monthly webinars continue to be a great success thanks to Chris Lindblade, Nelangi Pinto, Terri Tacy and Mishella Perez. You can find all of the video links on our website for past webinars and do consider joining us the second Thursday of every month. Finally, I am excited to announce that we will be hosting our Second Annual FHS Scientific Symposium that will be an all day meeting on August 6th after the NeoHeart Meeting in Anaheim California. We look forward to seeing everyone IN PERSON!

Stay safe everyone! ~ Mary ~

## Join us for the 2<sup>nd</sup> Annual Fetal Heart Society Scientific Session!

The Fetal Heart Society will host its 2nd Scientific Session on August 6, 2022 IN-PERSON or VIRTUAL during the NeoHeart Conference (August 3-6, 2022) at Disneyland in California. The Scientific Session will bring together national experts from multiple subspecialties and will feature presentations on research, counseling, and challenging case review. FHS members receive discounted registration. Click [here](#) to learn more and register.

CHOC designates this live activity (FHS Scientific Session) for a maximum of **7.5\* AMA PRA Category 1 Credit™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



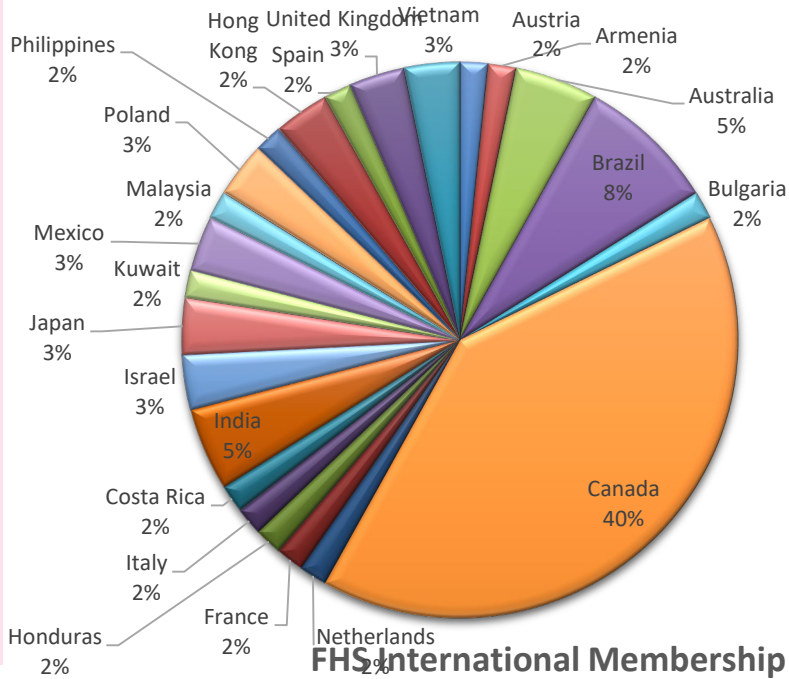
Did you know that the FHS has a growing international membership? 10% of institutions are outside the USA!

### 2022 Election Results!

Congratulations to **Nelangi Pinto**, incoming Vice-President, **Bhawna Arya**, incoming Treasurer, and **Anita Moon-Grady**, incoming Member at Large on the Publications Committee as elected by the FHS membership!

Thank you Nelangi, Bhawna, and Anita for your past and ongoing service to the Society.

Looking for ways to get more involved in the FHS leadership? Check out the numerous FHS Committees in the newsletter and under the About tab on our [website](#).



### Research Collaborative Committee

Have a great idea for research? The RCC wants to hear from you!

Go to the [FHS Research page](#) to review the process for submitting a research concept proposal. Next submission deadline is **July 6** to include your research idea for consideration at the next RCC review meeting on July 20, 2022.

### FHS Committee Chairs

- Conference: Mary Donofrio/Chris Lindblade/Nelangi Pinto
- Correspondence: Chris Lindblade
- DCC: Lindsay Freud
- Education: Theresa Tacy, Mishella Perez
- Finance: Nelangi Pinto
- Grants: Lisa Hornberger
- Membership: Allison Divanovic
- Mentorship: Shubhika Srivastava
- Nursing: Sonila Mustafa & Nathalie Dutil
- Publications: Lisa Hornberger
- Research: Shaine Morris
- Social Media: Mishella Perez
- Website: Michael Walsh

### Conference Committee

The FHS Conference and Education Committees continue to host the monthly FHS webinar educational series on the 2<sup>nd</sup> Thursday of the month at 8:30 pm EST.

These webinars have covered a broad range of topics applicable to pediatric cardiologists, maternal-fetal medicine specialists, geneticists, sonographers, nurses, and other healthcare specialists. You can listen to recordings of all past webinar sessions on the [FHS website](#).

We will be taking June off in support of our colleagues presenting at the ASE Meeting. **We are accepting case presentations for our July webinar entitled, "My Big Beautiful Teaching Case"**. Submit cases to [tatacy@stanford.edu](mailto:tatacy@stanford.edu) or [admin@fetalheartsociety.org](mailto:admin@fetalheartsociety.org) to have the opportunity to speak at the next webinar!

If you have suggestions for future webinar topics, please contact Theresa Tacy ([tatacy@stanford.edu](mailto:tatacy@stanford.edu)), Mishella Perez ([perez.mishella@scrippshealth.org](mailto:perez.mishella@scrippshealth.org)), Chris Lindblade ([clindblade@phoenixchildrens.com](mailto:clindblade@phoenixchildrens.com)), or Nelangi Pinto ([nelangi.pinto@hsc.utah.edu](mailto:nelangi.pinto@hsc.utah.edu)).

### Get Involved!

Interested in joining or learning more about a specific FHS Committee?

Email us at [admin@fetalheartsociety.org](mailto:admin@fetalheartsociety.org) & [president@fetalheartsociety.org](mailto:president@fetalheartsociety.org)

## STOP BLOQ Survey on Practice Management of Immune-Mediated Fetal Cardiac Disease

This Fetal Heart Society supports examining the variation in current clinical surveillance and management approaches for SSA/Ro antibody positive pregnancies. This is an ancillary study of the Surveillance and Treatment to Prevent Fetal Atrioventricular Block Likely to Occur Quickly (STOP BLOQ) study. Please take this short survey to provide your baseline practice approach prior to the initiation of this study.

Please visit [click here](#) to take this survey.

## Mentorship Committee

The Mentorship Committee was recently established to help meet the mentoring needs of all FHS members for career navigation and addressing clinical questions. Click [here](#) to enroll into the program as a mentee or mentor/coach. The Mentorship Committee will review the survey results and connect the mentor/coach- mentee/advisee dyad.

We are excited to use this platform to promote connection of FHS members enhancing their professional careers! Please feel free to reach out to Shubhika Srivastava, chair of the Mentorship Committee, at [shubhika.srivastava@nemours.org](mailto:shubhika.srivastava@nemours.org) with any questions or concerns.

## Publications and Presentations

The Publications Committee has several exciting updates to share since the last newsletter. Firstly, we are excited to announce the addition of Dr Kim Haberer from the Children's Hospital at Montifiore as our newest member of the Publications Committee in the role of apprentice.

We have 3 original Fetal Heart Society research abstracts accepted for presentation at the American Society of Echocardiography this month: "Fetal ccTGA: Heart block occurs more frequently in fetuses without associated cardiac defects: A FHS Research Collaborative study led by Jennifer Cohen, "Fetal echocardiographic z-score pilot project: Study design and impact of gestational age and variable type on reproducibility of measurements within and across investigators" led by Anita Moon Grady and "Prenatal predictors of perinatal mortality in truncus arteriosus: A FHS Collaborative study" led by Kelly Cox. GO TEAM!

There has also been a recent important FHS-endorsed publication spear-headed by Jenna Keelan and Miwa Geiger entitled "Current state of fetal heart disease counseling and training: Room for improvement?", which explores through a cross-sectional survey that included FHS members, the current state of fetal heart disease counseling and training, (online ahead of print 2022 Apr 5.doi: 10.1007/s00246-022-02882-4). Three FHS original research manuscripts are underway with plans for submission in the coming months, and others are in data analysis phase.

Over the past few months, the Research Collaborative and Publications Committees have joined forces to define strategies that will facilitate FHS research productivity. Timeline commitments through manuscripts completion have now been set by all principal investigators for ongoing retrospective and prospective research which should keep us all on track. Coupled with routine virtual meetings for ongoing research, the FHS should witness enhanced research output in the coming years. Stay-tuned as research proposal development and timelines, abstract and manuscript submission information as well as grant funding resources will be made available shortly on the FHS website to further facilitate our collective research endeavors.

Stay Connected with FHS on [Twitter](#), [Facebook](#), and [Instagram](#)



Join the FHS Discussion Forum on [Mobilize](#)



## Donate to the FHS

Make a difference by shopping on Amazon at [smile.amazon.com/ch/47-2144989](https://smile.amazon.com/ch/47-2144989) to generate donations for Fetal Heart Society Inc

## Looking for a way to help?

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# Website Committee


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The Fetal Heart Society Website ([fetalheartsociety.org](http://fetalheartsociety.org)) is a showcase for the incredible work that our members are doing. The Website Committee works closely with the Research, Education, Conference and Publications Committees to create a lively, dynamic online environment where our members can interact with each other. We also hope the continued expansion of online content will attract new prospective members.

The website is the place to view the monthly FHS Webinars, to learn more about the 2nd Annual FHS Scientific Sessions, or to find educational resources for parents/families and clinicians alike. We continue to interface with the Research Committee to provide updates on all ongoing studies - from recruitment to publication. The website links to the Fetal Heart Society's online forum, and we anticipate many new online resources from the Education Committee.

If you have any ideas or suggestions for the website or would like to become more involved with the Website Committee, please contact Mike Walsh at [mwalsh@wakehealth.edu](mailto:mwalsh@wakehealth.edu) or [admin@fetalheartsociety.org](mailto:admin@fetalheartsociety.org).

## Education Committee

The Education Committee has added additional Provider Information Sheets that are located under the Education tab. An information booklet for parents is also now available. This focuses on answering logistical questions parents might have after a recent diagnosis and provides some emotional support as well. It includes a comprehensive resource list if parents are seeking other forms of information.

We are working on two educational series: one for Basic Heart Screening and one on Fetal Cardiac Disease. Our goal is for these to be completed and available on the website by the end of 2022.

## New Apprenticeship Program

Congratulations to Kim Haberer and Jennifer Cohen as our first two members in the Apprenticeship Program with participation in the Research Collaborative and Publications Committees!

Contact [president@fetalheartsociety.org](mailto:president@fetalheartsociety.org) with interest to enroll in this 2-year program to learn directly from leaders in fetal cardiology research!

## FHS Newsletter

## Nursing Committee

Congratulations to Sonila Mustafa and Nathalie Dutil as Nursing Committee Co-Chairs! This passionate group supports professional development of fetal cardiac nurses and shares ideas to support the CHD family.

Please email Sonila and Nathalie to get involved, [Sonila.Mustafa@sickkids.ca](mailto:Sonila.Mustafa@sickkids.ca) or [Nathalie.dutil@sickkids.ca](mailto:Nathalie.dutil@sickkids.ca).

## FHS Contacts

### General Questions

[information@fetalheartsociety.org](mailto:information@fetalheartsociety.org)

### Donations

[donations@fetalheartsociety.org](mailto:donations@fetalheartsociety.org)

### Research

[research@fetalheartsociety.org](mailto:research@fetalheartsociety.org)

### FHS Website

[www.fetalheartsociety.org](http://www.fetalheartsociety.org)

**The Fetal Heart Society is a 501(c) nonprofit formed to advance the field of fetal cardiovascular care and science through collaborative research, education and mentorship.**

# FHS Ongoing Research Projects

Name of Project	Status	PI/contact
PA-IVS	Data analysis underway	Shaji Menon <a href="mailto:Shaji.menon@hsc.utah.edu">Shaji.menon@hsc.utah.edu</a>
Risk stratification in twin-twin transfusion syndrome: the importance of mitral regurgitation	Data analysis underway	Shiraz Maskatia, Anita Moon-Grady <a href="mailto:shirazm@stanford.edu">shirazm@stanford.edu</a> <a href="mailto:anita.Grady@ucsf.edu">anita.Grady@ucsf.edu</a>
Fetal Echocardiographic Z-Score Project: Feasibility Study	Data analysis underway Manuscript preparation	Leo Lopez and LuAnn Minich <a href="mailto:leolopez@stanford.edu">leolopez@stanford.edu</a>
Fetal anatomy and physiology and associations with fetal and perinatal outcomes in DTGA with intact ventricular septum	Data collection in progress	David Schidlow, Joyce Johnson, Jacqueline Shuplock <a href="mailto:david.schidlow@cardio.chboston.org">david.schidlow@cardio.chboston.org</a> <a href="mailto:JTJohnson@luriechildrens.org">JTJohnson@luriechildrens.org</a> <a href="mailto:jacqueline.m.shuplock@vumc.org">jacqueline.m.shuplock@vumc.org</a>
Pre and postnatal outcome following fetal diagnosis of congenitally corrected transposition of the great arteries and impact of associated lesions on outcome.	Data analysis ongoing o Abstract presented AHA 2021 Heart block data abstract presentation at ASE 2022	Jennifer Cohen, Shubhika Srivastava <a href="mailto:shubhika.srivastava@mssm.edu">shubhika.srivastava@mssm.edu</a> <a href="mailto:Jennifer.cohen3@mssm.edu">Jennifer.cohen3@mssm.edu</a>
Fetal Hemodynamics in Coarctation of Aorta by Fetal Echocardiography and Computational Fluid Dynamics Simulation	Data collection <b>*Seeking collaborators</b>	Shuping Ge <a href="mailto:shuping.ge@americanacademic.com">shuping.ge@americanacademic.com</a>
Computational analysis of fetal echocardiogram	Data analysis	Rima Arnaout <a href="mailto:Rima.Arnaout@ucsf.edu">Rima.Arnaout@ucsf.edu</a>
Normal Fetal Strain Values – Ancillary study to z-score project	Data collection underway	Carol McFarland <a href="mailto:carol.mcfarland@hsc.utah.edu">carol.mcfarland@hsc.utah.edu</a>
Perinatal Outcomes of Prenatally Diagnosed Truncus Arteriosus	Data collection nearing completion	Kelly Cox, Nazia Husain, Sheetal Patel <a href="mailto:kcox@luriechildrens.org">kcox@luriechildrens.org</a>
Outcomes Following Prenatal Diagnosis of Fetal Rhabdomyomas: A Fetal Heart Society Collaborative Study	Closed to collaborators Data collection starting	Miwa Geiger, Simone Jhaveri <a href="mailto:miwa.geiger@mssm.edu">miwa.geiger@mssm.edu</a> <a href="mailto:simonejhaveri@gmail.com">simonejhaveri@gmail.com</a>
Regional fluctuations in prenatal diagnosis of congenital heart disease during the first year of the SARS-CoV2 Pandemic	Final proposal approved	Bhawna Arya <a href="mailto:Bhawna.arya@seattlechildrens.org">Bhawna.arya@seattlechildrens.org</a>
Multicenter study of Genetic testing, Findings, and Differential Outcomes among newborns with HLHS-Ancillary study to SES project	Final proposal approved	Samuel Keller <a href="mailto:samuel.keller@ucsf.edu">samuel.keller@ucsf.edu</a>
Risk Factors for Mortality in Prenatally Diagnosed Tetralogy of Fallot with Absent Pulmonary Valve-Ancillary study to TOF-APV study	Final proposal approved	Michelle Udine, Anjali Chelliah, Mary Donofrio <a href="mailto:mudine2@childrensnational.org">mudine2@childrensnational.org</a> , <a href="mailto:Anjali.Chelliah@atlantichhealth.org">Anjali.Chelliah@atlantichhealth.org</a> , <a href="mailto:mdonofrio@childrensnational.org">mdonofrio@childrensnational.org</a>
Fetal Cardiomyopathy Multi-Center Retrospective Registry	Concept proposal approved <b>*Seeking collaborators</b>	Angela McBrien, Lisa Hornberger <a href="mailto:angela.McBrien@albertahealthservices.ca">angela.McBrien@albertahealthservices.ca</a> , <a href="mailto:lisa.Hornberger@albertahealthservices.ca">lisa.Hornberger@albertahealthservices.ca</a>
Perinatal outcomes of prenatally diagnosed isolated coronary artery fistula	Concept proposal approved <b>*Seeking collaborators</b>	Michelle Kaplinski <a href="mailto:mkaplinski@stanford.edu">mkaplinski@stanford.edu</a>

# Fetal Heart Society Sponsors

## Platinum Sponsors



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All, for your one.



## Gold Sponsors



The FHS would like to acknowledge our institutional sponsors. Congratulations and welcome to our newest sponsors, Johns Hopkins All Children's and Fairview Health Services. Also, a special thank you to **Texas Children's, Stanford, Children's National, Nationwide Children's, Children's Health System of Texas, The University of Utah School of Medicine / Intermountain Primary Children's Hospital, Lurie Children's, OSF Healthcare - Children's Hospital of Illinois, Seattle Children's, Nemours Children's,** and **Johns Hopkins All Children's** who are our very special Platinum Sponsors, allowing unlimited membership for both full and affiliate members.

There are two levels for institutional sponsorship. Both include recognition on the FHS website, newsletter and all FHS presentations/publications:

- **Gold (\$5000/year):** includes 5 active and 5 affiliate members
- **Platinum (\$7500/year):** includes unlimited active and affiliate members

If interested in institutional sponsorship, contact [president@fetalheartsociety.org](mailto:president@fetalheartsociety.org).