



FOUNDATION FOR
Women & Girls
with Blood Disorders



YEAR-END IMPACT REPORT

2019



Who We Are

Undiagnosed, untreated blood disorders in women have medical consequences and unique issues at every life stage, creating the need for a foundation dedicated to education and awareness.

In 2010, the Foundation for Women & Girls with Blood Disorders (FWGBD), a non-profit 501(c)3 organization, was launched to serve as a single site, single source where physicians and other healthcare professionals can obtain information. Provider education, across disciplines, is the focus of the Foundation. We benefit women and girls by educating their providers.

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Our vision is a world where
all women and girls with blood disorders
are correctly diagnosed and optimally managed at every life stage.

WELCOME

Momentum is the word that best captures one amazing, action-packed year. From record attendance during both our live webinars and our in-person LAN meetings, to our second two-day colloquium focusing on uterine hemostasis, we are at once celebrating a phenomenal year and looking forward to a future that is bound to be just as exciting and adventurous.

In 2019:

- **32 distinct faculty/experts** donated their time and talent to our actions to raise awareness and advance the knowledge of their peers in order to improve the lives of women and girls with blood disorders (7 more than in 2018)
- By popular demand, we once again **scaled up and expanded our WGBD Learning Action Network (LAN) membership** to include 190 members representing 61 institutions located in 28 states, as well as one (1) in Canada and one (1) in Utrecht, Netherlands
- We **received medical education support from several industry partners** through which we were able to raise awareness and educate almost 1,000 healthcare professionals on the unique needs and appropriate management of women and girls with blood disorders
- We **convened our second in-person WGSCD LAN meeting** and **our fifth in-person WGBD LAN meeting** in Kansas City, MO
- We **hosted additional LAN meetings** at several major medical conferences so more healthcare professionals could learn firsthand about ways they can participate and enhance their services for women and girls with bleeding and other blood disorders
- We **awarded three more research fellowship awards** to three new faculty
- And, we **continued to publish original stories** to share the work being done in women's blood disorders and highlighted the providers behind this work to inspire action

Thank you for making 2019 a year to remember.

Looking ahead, in 2020 we will continue to expand our educational initiatives to raise awareness, expand knowledge, increase engagement and inspire action so women and girls receive comprehensive, informed care. We look forward to working on this together with you. Thank you for the critical role you have played in our success and for your continued support. We look forward to the wonderful opportunities that await all of us in 2020.

- Foundation for Women & Girls with Blood Disorders

JANUARY 29, 2019

Live Webinar: Addressing the Prevention, Treatment, and Management of VTE in Pregnancy: 2018 ASH VTE Clinical Practice Guidelines

Dr. Shannon Bates reviewed the new (2018) ASH VTE Clinical Guidelines and described the current understanding and practice as applied to pregnancy. The Webinar had a special focus on the strengths and limitations of the guidelines, the clinical importance, and the application to practice in the prevention diagnosis and treatment of VTE in pregnancy. 54 professionals attended.

FEBRUARY 2019

Hemophilia of Georgia (HoG) Annual Conference (Atlanta, GA)

FWGBD MAC and WGBD LAN member, Dr. Robert Sidonio, gave an introduction and overview of FWGBD at this year's annual meeting. 100+ professionals attended.

MARCH 7, 2019

Live Webinar: Role of Selectins and Adhesion in the Pathophysiology of Acute Vaso-occlusive Crisis in Sickle Cell Disease

Dr. Marilyn Telen reviewed the current best practices in the treatment and management of acute vaso-occlusive crisis in persons with sickle cell disease (SCD), and especially in pregnant women with SCD. The Webinar had a special focus on the role of selectins in the pathophysiology of sickle cell disease acute vaso-occlusive crisis and its management, and described state-of-the-art treatments for patients, including females. 54 professionals attended.

APRIL 13, 2019

North American Society for Pediatric and Adolescent Gynecology (NASPAG) (New Orleans, LA)

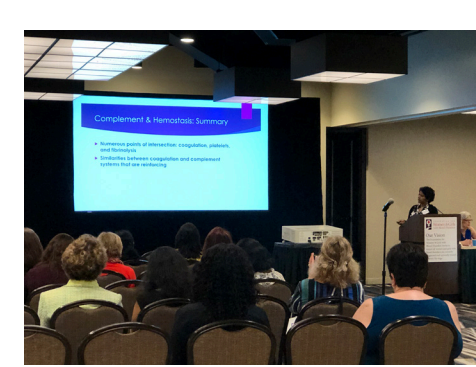
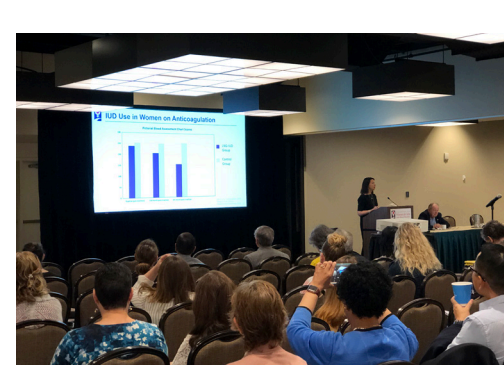
FWGBD WGBD LAN member Ayesha Zia, MD, and Nancy Sokkary, MD, spoke about caring for transgender youth with blood disorders. 50 professionals attended.

MAY 8-9, 2019

Live Symposium: Uterine Hemostasis Colloquium II (New Orleans, LA)

Preceding HTRS Annual Meeting

Co-Chairs: Andra H. James, MD, MPH, and Kenneth Mann, PhD
Faculty: Gowthami Arepally, MD; Maureen Baldwin, MD, MPH; Julia Coleman, MD; Chad Grotegut, MD, MBA, MHSc; Rebecca Kruse-Jarres, MD, MPH; Sarah O'Brien, MD, MSc; Luis Pacheco, MD; Robert Sidonio, Jr., MD, MSc; Contributor: Ateefa Chaudhury, MD
132 professionals attended.



2019 HIGHLIGHTS

Over the past nine years, we have built an organization that educates healthcare professionals and others about the unique needs of women and girls with blood disorders, engages individuals to collaborate across disciplines, and supports new faculty in their research goals in order to improve the lives of women and girls.

JULY 31, 2019

Live Webinar: Caring for Transgender Individuals at Risk of Thrombosis

Dr. Joshua Safer and Dr. Barbara Konkle discussed issues surrounding the care of transgender individuals at risk of thrombosis and the treatments for the optimal management of these patients.

54 professionals attended.

AUGUST 27, 2019

Live Symposium: NIH Annual SCD Clinical Researchers Meeting (Bethesda, MD)

FWGBD Founding Board President Andra H. James, MD, MPH, and FWGBD Board member Russell Ware, MD, PhD, FWGBD MAC member Kristin Paulyson Nuñez, MS, CGC, and Kelley Acharya, MD and Oyebimpe Adesina, MD, MS, discussed issues surrounding reproductive planning, fertility preservation, the use of hydroxyurea during pregnancy, bone health, and issues related to menopause and breast cancer for women with SCD.

75 professionals attended.

SEPTEMBER 15, 2019

WGSCD LAN In-Person Workshop II (Kansas City, MO)

FWGBD hosted its second in-person Women/Girls Sickle Cell Disease Learning Action Network workshop. 43 professionals attended.

SEPTEMBER 16-17, 2019

WGBD LAN In-Person Workshop V (Kansas City, MO)

FWGBD hosted its fifth in-person Women/Girls Bleeding Disorder Learning Action Network workshop. 109 professionals attended.

OCTOBER 13, 2019

Sickle Cell Disease Association of America (SCDAA) Annual Convention (Baltimore, MD)

FWGBD MAC member Kristin Paulyson Nuñez, MS, CGC, discussed reproductive options, preservation, and genetic testing in women with sickle cell disease. 75 patients/professionals attended.

NOVEMBER 1-3, 2019

Being Visible: Women with Hemophilia Conference (Detroit, MI)

FWGBD attended the second national conference for women with hemophilia, with speakers Dr. Roshni Kulkarni, Kimberly Roque, MPA, and Ann-Marie Nazzaro, PhD. 130 patients/professionals attended.

NOVEMBER 15, 2019

Live Webinar: Connective Tissue Disorders and Ehlers-Danlos Syndrome

Dr. Pamela Trapani and FWGBD MAC and WGBD LAN member Dr. Sarah O'Brien discussed the care of women and girls with connective tissue disorders, including a special focus on Ehlers-Danlos Syndrome. They addressed the needs these patients may have as well as the recommended treatment strategies for symptom management. 112 professionals attended.

JUNE 28 and DECEMBER 19, 2019

New Grants Provided to Research Fellowship Award Recipients (3 Awards)

For a fourth year in a row, FWGBD supported the research projects of three new faculty in the areas of bleeding and blood disorders affecting women and girls.

2019 PROFESSIONAL MEETINGS -

PRESENTATION HIGHLIGHTS

85% of program participants/providers across all meetings reported that **what they learned will change their practice behaviors** vis-à-vis women and girls with bleeding and other blood disorders

MAY 8-9, 2019

Uterine Hemostasis Colloquium II (Preceding HTRS Annual Meeting)

Co-Chairs: Andra H. James, MD, MPH, Professor, Department of Obstetrics & Gynecology, Duke University Medical Center, and FWGBD President; and Kenneth Mann, PhD, Retired Professor (Emeritus) of Biochemistry and of Medicine at the University of Vermont

132 professionals attended

Faculty: Gowthami Arepally, MD; Maureen Baldwin, MD, MPH; Julia Coleman, MD; Chad Grotegut, MD, MBA, MHSc; Rebecca Kruse-Jarres, MD, MPH; Sarah O'Brien, MD, MSc; Luis Pacheco, MD; Robert Sidonio, Jr., MD, MSc; Contributor: Ateefa Chaudhury, MD

Learning Objectives:

- Discuss the state of the science with respect to uterine hemostasis
- Discuss the role of complement with respect to uterine hemorrhage
- Explain the role of inflammation with respect to heavy menstrual bleeding
- Discuss the role of sex-dimorphisms in trauma-induced coagulopathy and their implications
- Describe the range of complications related to the management of heavy menstrual bleeding in women on anticoagulants
- Identify the hemostatic changes and challenges during pregnancy for women with rare bleeding disorders as well as bleeding and clotting disorders
- Discuss the full range of options and best practices for achieving uterine hemostasis in women with acute abnormal bleeding, postpartum hemorrhage, and bleeding and clotting disorders

“Excellent meeting - the best so far by FWGBD!”

“Wonderful symposium! It was so informative. I look forward to attending the conference in 2020.”

“Great content!! Always so interesting and relevant.”

APRIL 13, 2019

North American Society for Pediatric and Adolescent Gynecology (NASPAG)

Program/Presentation: Caring for Transgender Youth with Blood Disorders

Faculty: Ayesha Zia, MD (Hematology) and Nancy Sokkary, MD (Pediatric Gynecology)

50 professionals attended

Learning Objectives:

- Describe the effective treatment strategies with transgender youth with blood disorders or heavy menstrual bleeding
- Define and discuss the unique needs and challenges surrounding transgender youth who have blood disorders and present for medical treatment
- Describe how the interdisciplinary team of hematology and pediatric/adolescent gynecology can work together in the care of transgender youth with blood disorders

AUGUST 27, 2019

NIH Annual SCD Clinical Researchers Meeting (4-hour symposium)

Program/Presentation: Addressing the Reproductive Challenges of Women and Girls with SCD

Faculty: Oyebimpe Adesina, MD, MS; Kelly Acharya, MD; Kristin Paulyson Nuñez, MS, CGC; Andra James, MD, MPH; Russell Ware, MD, PhD

75 professionals attended

Learning Objectives:

- Describe the family planning challenges for women with sickle cell disease (SCD)
- Understand and be able to discuss the available reproductive options for families with SCD
- Identify patients with SCD who could benefit from early discussion of reproductive options and fertility/ovarian preservation
- Review data regarding maternal use of hydroxyurea during pregnancy in women with sickle cell disease
- Understand medication exposure prior to conception and during gestation
- Consider outcomes for both mother and baby
- Describe female fertility in sickle cell disease
- Understand gonadotoxic treatment
- Understand fertility preservation options: Standard of care and Experimental
- Discuss considerations specific to SCD
- Understand issues of bone health in older women with sickle cell disease (Avascular necrosis (AVN) & Low bone mineral density (osteoporosis))
- Discuss issues of menopause and breast cancer in older women specific to sickle cell disease

October 12, 2019

Sickle Cell Disease Association of America (SCDAA)

Program/Presentation: Reproductive Options, Preservation, and Genetic Testing in Women with SCD

Faculty: Kristin Paulyson Nuñez, MS, CGC, Genetic Counselor, Duke University

75 patients/professionals attended

Learning Objectives:

- Describe the family planning challenges for women with SCD
- Understand and be able to discuss the available reproductive options for families with SCD
- Identify patients with SCD who could benefit from early discussion of reproductive options and fertility/ovarian preservation

100%

of participants reported the Webinars increased their Knowledge

97%

of participants
• rated the Webinars as Excellent/Good
• reported the Webinars increased their Competence

JANUARY 29, 2019

Live Webinar: Addressing the Prevention, Treatment, and Management of VTE in Pregnancy: 2018 ASH VTE Clinical Practice Guidelines

Faculty: Shannon Bates, MDCM, MSc, FRCPC and Anita Rajasekhar, MD, MS (Moderator)

Learning Objectives:

- Describe the process for developing the ASH VTE Clinical Guidelines, as well as their strengths and limitations
- Distinguish the clinical importance of, and apply to practice, the ASH VTE Clinical Guidelines
- Recognize and understand differences in recommendations in these guidelines compared to those developed by other organizations

Pre-registrations: 167
Attendees of Live Event: 132
CE Certificates awarded: 30

Program Evaluation completed by: 37
Overall rating: 98% Excellent/Good
Average pre-test scores: 48%
Average post-test scores: 72%
Knowledge gain: 24%

MARCH 7, 2019

Live Webinar: Role of Selectins and Adhesion in the Pathophysiology of Acute Vaso-occlusive Crisis in Sickle Cell Disease

Faculty: Marilyn Telen, MD and Andra H. James, MD, MPH (Moderator)

Learning Objectives:

- Understand how adhesion and cell-cell interaction contribute to vaso-occlusion in sickle cell disease
- Know the available new and state-of-the-science therapeutics/ treatments in the management of acute vaso-occlusive crisis in patients with sickle cell disease
- Discuss the available treatments for vaso-occlusive crises in pregnant women

Pre-registrations: 107
Attendees of Live Event: 67

Program Evaluation completed by: 24
Overall rating: 100% Excellent/Good
Pre/post-tests completed by: 24
Average pre-test scores: 71%
Average post-test scores: 100%
Knowledge gain: 29%

JULY 31, 2019

Live Webinar: Caring for Transgender Individuals at Risk of Thrombosis

Faculty: Joshua Safer, MD, FACP, FACE and Barbara Konkle, MD

Learning Objectives:

- Define and discuss the unique needs and challenges surrounding transgender individuals who present for medical treatment
- Describe thrombotic risks associated with hormone replacement in cis- and transgender women
- Describe how an interdisciplinary team can work together in the care of transgender individuals at risk for thrombosis

Pre-registrations: 104
Attendees of Live Event: 54

Program Evaluation completed by: 25
Overall rating: 92% Excellent/Good
Reported Increased Knowledge: 96%
Reported Increased Competence: 88%

NOVEMBER 15, 2019

Live Webinar: Connective Tissue Disorders and Ehlers-Danlos Syndrome

Faculty: Pamela Trapane, MD and Sarah O'Brien, MD, MSc

Learning Objectives:

- Describe the medical complications that individuals with connective tissue disorders may have
- Differentiate between the various types of connective tissue disorders
- Discuss co-morbidities between hypermobility and bleeding disorders
- Identify the relationship between patients with hypermobility and bleeding, and how they may be more resistant to standard treatment
- Discuss recommended strategies for the optimal management and treatment of the clinical complications that affect female patients with connective tissue disorders may have, including care related to heavy bleeding
- Discuss ways in which collaboration between disciplines augments management and treatment of patients with connective tissue disorders

Pre-registrations: 211
Attendees of Live Event: 112
CE Certificates awarded: 24

Pre/post-tests completed by: 24
Average pre-test scores: 63%
Average post-test scores: 85%
Knowledge gain: 22%
Overall rating: 100% Excellent/Good

WEBINAR HIGHLIGHTS

Archiving our live symposia and Webinars enables us to share the inspiring and necessary information healthcare professionals need to effectively care for women and girls with blood disorders.



LEARNING ACTION NETWORKS

WGBD AND WGSCD LANS

In 2016, FWGBD launched its Learning Action Network (LAN) initiative to bring together healthcare professionals to harness the power of collaboration, spread practical implementation of best practices, and connect participants across disciplines to improve quality of care for women and girls with blood disorders.

SEPTEMBER 15, 2019

WGSCD LAN In-Person Workshop II

43 participants representing
20 institutions from
14 states

Educational Topics Covered:

- Reproductive Issues in Women with Sickle Cell Disease
- Medical Complications for Women with Sickle Cell Disease
- Contraception and Treatment Updates
- Update on HELPFUL Study
- Approaches to Care: Review of Adult Sickle Cell Models of Care
- Treatment Utopia: A Closer Look at Care: Case Studies
- Research Slam!
- WGSCD LAN Collaborative Research Projects
- Children’s Mercy Hospital’s SCD Program

Describe how and if the Workshop has helped to inform your knowledge regarding the optimal management and treatment of women and girls with SCD:

- Increased (my) knowledge regarding pregnancy-related complications and fertility preservation.
- I learned of the importance of a strong relationship with hematology + MFM for treatment of SCD in pregnancy.
- Made me aware of contraceptive options/menstrual suppression options for SCD patients.
- Collaboration between high-risk ob/hematology in SCD is important for these women.

94% of participants said activity will result in a change in their practice

100% of participants indicated the Workshop increased their knowledge and understanding of the medical complications and pregnancy-related complications for females with SCD



100% of participants of BOTH meetings felt the program met their learning needs, said speakers were knowledgeable, and the format enhanced the subject matter

SEPTEMBER 16-17, 2019

WGBD LAN In-Person Workshop V

109 participants representing
45 institutions from
25 states

Educational Topics Covered:

- Pulmonary Embolism in Women
- Acute Heavy Menstrual Bleeding in Adolescents
- Stroke in Young Women
- Treatment Utopia: A Closer Look at Care: Case Studies
- Ask the Experts: Career, Communication, Collaboration
- Research Slam!
- WGBD LAN Collaborative Research Projects: Current & Future
- Children’s Mercy Hospital’s Adolescent and Young Adult’s Clinic

WGBD LAN Meeting Feedback:

- Loved the interactive case study session!
- Helped to solidify some of my management practices. I appreciate the community and ability to talk to other centers about how they’ve been successful.
- Loved the “meet the experts” small group.
- Really great information in subcommittee meeting that will help build out our WGBD clinic.
- It was great to speak with so many providers across disciplines especially as we start our own clinic.
- All of the speakers were excellent, covered/reviewed topic, evidence-based, easy to understand.
- Great collaborative discussion. I love how interactive this conference is.

90% of participants said activity will result in a change in their practice

Planned clinical practice changes:

- Establishing emergency room protocol for HMB
- Use tranexamic acid more frequently
- Pushing for a Women & Girls comprehensive clinic for bleeding disorders, including hematology and gynecology

2019 RESEARCH AWARDS

Since 2016, FWGBD has awarded \$235,000 in research awards.

The objectives of the three 2019 Promoting XXcellence in Women's Health: Optimal Management of Women and Girls with Blood Disorders awards are to:

1. Foster and sustain interest/knowledge of the next-generation of healthcare providers, i.e., physician-researchers working in blood or bleeding disorders affecting women/girls.
2. Foster collaboration between two core disciplines for WGBD - the Ob/Gyn and the Hematologist.
3. Support an opportunity for junior faculty or fellows to conduct research in these important areas.

Award Focus Area: Blood Disorders - all Blood Disorders (\$15,000)



Jeffery Federspiel, MD
Maternal Fetal Medicine Fellow at Duke University Medical Center in Durham, NC

Mentor: Dr. Andra H. James

Project Title: Preventing Venous Thromboembolism Following Cesarean Delivery; Building Evidence to Inform Practice

Project Description: This study will set out to determine the incidence of VTE following cesarean delivery, for patients considered to be at elevated risk of VTE and thus requiring prophylaxis based on commonly-used guidelines. Secondly, this study will develop a decision sciences model which can be used to model the benefits, risks, and costs of implementation of the disparate guidelines on a cohort of patients intended to simulate the current use of cesarean delivery in the United States.

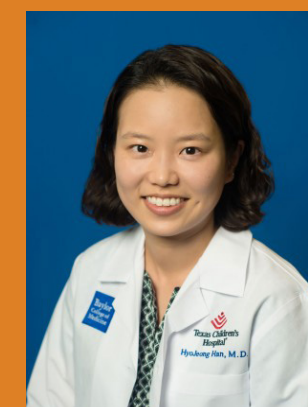


AnneMarie Fogerty, MD
Instructor of Medicine, Harvard Medical School

Mentor: Dr. Walter H. Dzik

Project Title: Mechanism of Gestational Thrombocytopenia

Project Description: Dr. Fogerty's study is two-fold: 1) to establish a bio-bank of prospectively collected antepartum and postpartum samples of plasma and DNA - linked to clinical data - obtained from women with GT and from a matched cohort of women with normal pregnancy; and 2) analyze a pilot group of these samples for polymorphisms of the A1 domain of the VWD.



Hyojeong Han, MD
Instructor, Department of Pediatrics, Hematology, Baylor College of Medicine / Texas Children's Hospital

Mentor: Dr. Lakshmi V. Srivaths

Project Title: Oral Tranexamic Acid in Adolescents with Heavy Menstrual Bleeding and Low von Willebrand Factor - A Pilot Study

Project Description: Dr. Han's study is an open-label, single-arm, efficacy trial assessing the efficacy of TA in adolescents with HMB and low VWF. They hypothesize that TA is safe and efficacious to control HMB in adolescents with low VWF. The findings from this pilot study may potentially lead to larger clinical trials to find effective ways to manage gynecologic bleeding in adolescents with low VWF.

OUR REACH

The FWGBD Community

FWGBD is continuing to build a community of people who learn about the unique needs of women and girls with blood disorders through our programs, our website, and our social media channels. These individuals are consciously opting to be a part of our mission. They are signing up to receive regular information, attend events, donate resources, or engage in other ways with and on behalf of FWGBD. We want to continue to build and energize these individuals with regular contact and interaction.

Web Traffic – fwgbd.org

In 2019, our website had over 11,791 unique users at fwgbd.org, who visited us a total of 15,629 times. Compared with 10,595 / 12,906 last year, we've grown our website reach by 11% and our visits by 12%. Our users reside in 138 countries across the globe. And, approximately 11% of our traffic comes from people who visit our site more than once.

Aside from our homepage, these pages had high traffic in 2019:

- <http://www.fwgbd.org/questions/using-birth-control-in-patients-with-itp>
- <http://www.fwgbd.org/resources/blood-disorders/sickle-cell-disease>
- <http://www.fwgbd.org/patient>
- <http://www.fwgbd.org/resources/ask-the-experts-archive>
- <http://www.fwgbd.org/learning-action-networks-/wgbd-members>
- <http://www.fwgbd.org/education/archived-webinars>
- <http://www.fwgbd.org/about/research-fellowship-awards>
- <http://www.fwgbd.org/clinics>
- <http://www.fwgbd.org/about/staff>

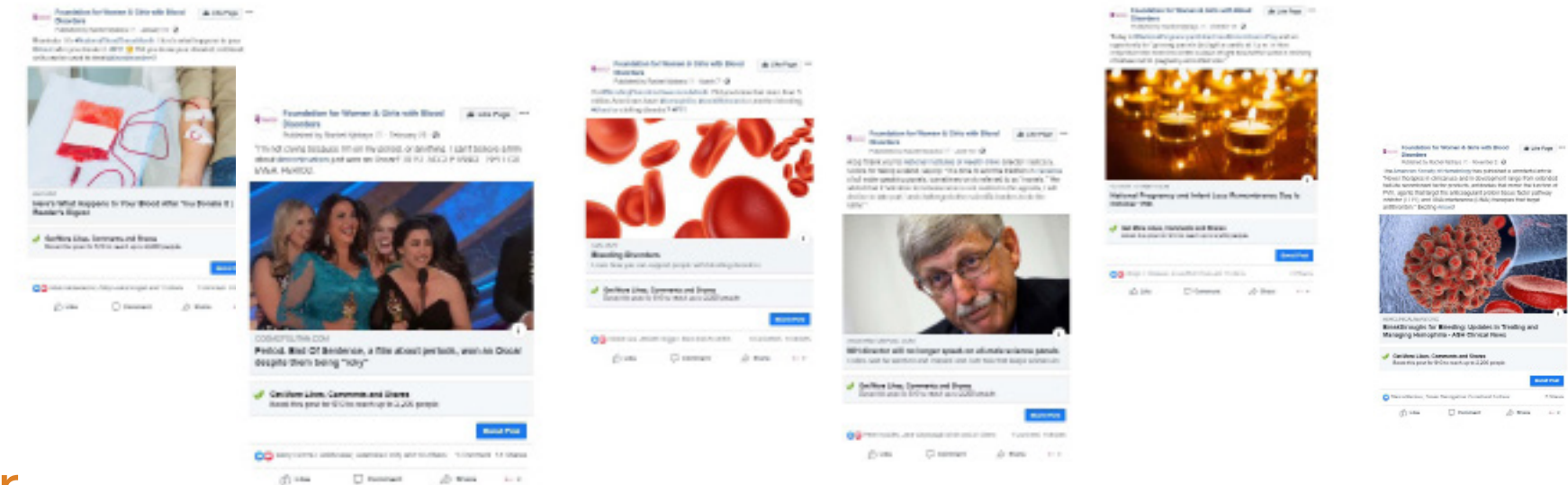
Newsletter

In 2019, our number of newsletter subscribers grew by 9%, with an average **open rate of 22% across all campaigns.***

*From Constant Contact analytics.

Facebook

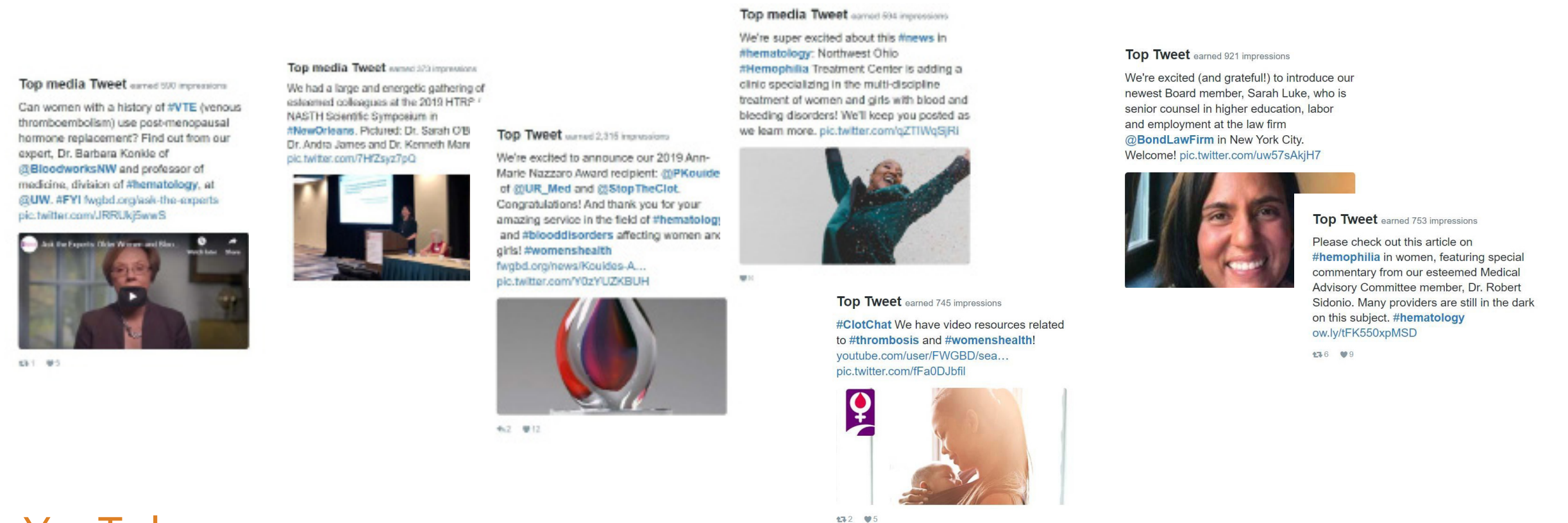
The FWGBD Facebook community is comprised of 1,051 individuals. Over 112 individuals joined us in 2019, generating a 12% growth rate. Our top posts by reach and engagement in the order they were published are...



Twitter

FWGBD uses Twitter as a two-way flow of communication for sharing and gathering timely updates from the blood disorders health sphere. Through this medium we are able to share critical snapshots of our work, show cause-related support, highlight our impact on the ground, and weigh in on women's health-related news from around the world.

The FWGBD Twitter community is comprised of 499 followers. Of these individuals, 44 were new in 2019, showing a 10% increase over 2018.

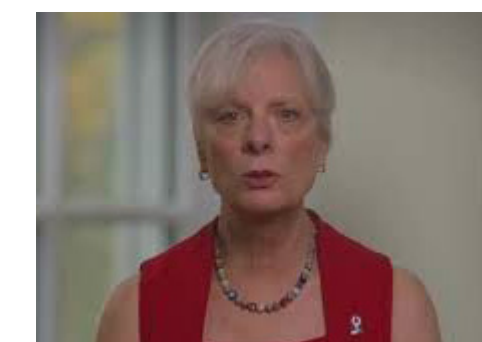


YouTube

FWGBD has a total of 114 subscribers, which is a 115% increase since 2018.

- 6.2k views (2.9k in 2018) - up 114%
- 436.2 watch hours (247.2 in 2018) - up 76%

Ask the Experts: Tranexamic Acid Use for Heavy Menstrual Bleeding = 1.2k views (Top Video)
<https://youtu.be/ZWvO7nDHLzM>



FWGBD Board of Directors

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Founding President of the Board
Barbara A. Konkle, MD
Founding Board Member
Roshni Kulkarni, MD
Founding Board Member
Leslie J. Graham
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Program Coordinator
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Finance Manager
Rachel Moehl, MA
Manager, Digital Communications/
SM

THANK YOU

TO ALL OF OUR PARTNERS!

Hemophilia Center of Western Pennsylvania (HCWP)

In 2019, the HTC partnered with us by granting us a financial matching grant of \$125,000. They have been one of our biggest supporters.

Hemostasis Thrombosis Research Society (HTRS)

In 2017 and 2019, FWGBD held an educational session focusing on uterine hemostasis preceding the HTRS/NASTH Scientific Symposium. They are a supportive and valued partner.

Thrombosis and Hemostasis Summit of North American and Thrombosis and Hemostasis Societies of North America (THSNA)

Since the idea to develop and implement a Summit on Thrombosis and Hemostasis was hatched in 2010, FWGBD has been a partner organization in planning this biennial Summit. FWGBD is a member of the TH Societies of NA-with FWGBD board member Kenneth Mann, PhD, representing FWGBD on their Board. FWGBD assisted in the development of the program for THSNA/Summit 2012, 2014, 2016 and 2018, and participated in the planning of the 2020 Summit.

Foundation, Industry, and Government Support

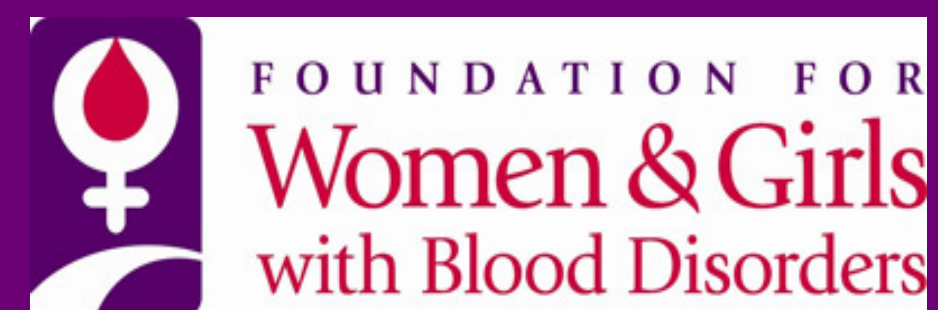
Hemophilia of Georgia
Hemophilia Alliance Foundation
Milwaukee Jewish Foundation
CSL Behring
Octapharma
Apetvo
Grifols
Novartis
Novo Nordisk
Takeda (formally Shire)
Pfizer

Medical Advisory Committee (MAC)

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Leo Brancazio, MD
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James Bussel, MD
Meera Chitlur, MD
Alice Cohen, MD, FACP
Mary Cushman, MD, MSc
Jennifer Dietrich, MD, MSc, FACOG
Terry Gernsheimer, MD
Sweta Gupta, MD (joined in 2019)
Kathryn Hassell, MD
Kristina Haley, DO, MCR
Paula James, MD, FRCPC
Peter Kouides, MD
Alice Ma, MD
Marilyn Manco-Johnson, MD
James Munn, BSN, MS
Alecia Nero, MD (joined in 2019)
Diane Nugent, MD
Kristin Paulyson Nuñez MS, CGC
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Lakshmi Srivaths, MD
Kim Smith-Whitley, MD
Alexis Thompson, MD, MPH
Adrianna Vlachos, MD
David Ware Branch, MD, PhD
Arthur J. Vaught, MD

**THANK YOU
FOR SUPPORTING
FWGBD'S MISSION**

**TO ENSURE THAT
ALL WOMEN AND GIRLS WITH
BLOOD DISORDERS ARE
CORRECTLY DIAGNOSED AND
OPTIMALLY MANAGED
AT EVERY LIFE STAGE.**



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FWGBD.ORG