

The [Global Thrombosis Forum](#) (formerly Georgia Thrombosis Forum) has continued to develop innovative approaches to further education and research programs worldwide. In the past eleven years, consistent with the North American Thrombosis Forum's objectives, training, and educational initiatives, the Global Thrombosis Forum, under the leadership of Dr. Atul Laddu, has made a major impact in inspiring public sectors. In particular, GTF has been focusing on younger students to promote awareness of thrombosis and its management at various levels. Such programs have recruited talented younger scholars who have participated in educational and translational research programs and public advocacy in an exemplary fashion. Under the strong leadership of Dr. Sam Goldhaber, President of the NATF, and Dr. Atul Laddu, President and CEO of GTF, these projects will continue to expand and will provide opportunities for younger students which will be helpful in their career planning and education to become physicians and scientists to serve healthcare and biomedical research programs.

GTF also has a close partnership with IUA on these programs. One of the major efforts and educational programs is organizing scientific symposia and meetings. For this reason, GTF and the North American Chapter of the IUA have planned annual symposia on select topics.

Warsaw International Vascular Meeting (WIVAM) 2024

December 7-8, 2024

[GTF Program Brochure](#)

Based on their excellent performance at the IUA Meeting in Porto, Portugal, Prof. Michal Juszynski invited the GTF Scholars to present their research at the Warsaw International Vascular Meeting 2024 (WIVAM 2024).

This was the first year two high school scholars from Loyola University (Ms. Gia Kapur and Mr. Yash Gupta) joined GTF Scholars for this journey to Warsaw.

The following research projects were displayed on December 7, 2024, in front of a distinguished panel of experts:

1. [Cancer Associated Thrombosis](#)

Aarav Keskar, Atul Laddu, Fakiha Siddiqui and Jawed Fareed, Global Thrombosis Forum, Suwanee, GA, USA; Loyola University, Chicago, IL, USA

2. [D-Dimer](#)

Avani Prabhu, Atul Laddu, Fakiha Siddiqui, and Jawed Fareed, Global Thrombosis Forum, Suwanee, GA, USA, Loyola University, Chicago, IL, USA

3. [Heparin Resistance](#)

Uddip Kashyap, Atul Laddu, Fakiha Siddiqui, and Jawed Fareed, Global Thrombosis Forum, Suwanee, GA, USA; Loyola University, Chicago, IL, USA

4. [Immune Thrombocytopenia](#)

Aarav Keskar, Vedanshi Kumar, Atul Laddu, Fakiha Siddiqui, Jawed Fareed, Global Thrombosis Forum, Suwanee, GA, USA; Loyola University, Chicago, IL, USA

5. [von Willebrand Disease](#)

Srishti Sawant, Atul Laddu, Fakiha Siddiqui, and Jawed Fareed, Global Thrombosis Forum, Suwanee, GA, USA, Loyola University, Chicago, IL, USA

6. [Comparison of Heparin-Induced Thrombocytopenia Antibody-Induced Platelet Aggregation in the Presence of Porcine and Bovine Heparin](#)

Gia Kapur, Yash Gupta, Walter Jeske, Omer Iqbal, Emily Krupa, Fakiha Siddiqui, Jawed Fareed, Stritch School of Medicine, Loyola University, Chicago, IL, USA

7. [Comparative Studies on a Novel Collagen Peptide Platelet Agonist](#)

Yash Gupta, Gia Kapur, Walter Jeske, Omer Iqbal, Fakiha Siddiqui, Jawed Fareed Affiliations of Authors: Stritch School of Medicine, Loyola University, Chicago, IL, USA

In addition, Atul Laddu presented his research on how GTF scholars have helped put GTF high school scholars on the World Map.

[Youth is Our Future, and The Future is Here](#)

The Board of GTF and Dr. Jawed Fareed from Loyola thank Prof. Michal Juszynski for giving us this excellent opportunity to showcase our high school scholars to present their research in this International Symposium.

Central European Venous Forum (CEVF) 2024

September 19-21, 2024

[GTF Program Brochure](#)

GTF Scholars were invited to attend and present their posters at the joint congress of the 13th Central European Vascular Forum and the International Union of Angiology – Multinational Chapter, hosted by the Slovenian Society for Vascular Diseases from September 19-21, 2024 in the captivating city of Ljubljana, Slovenia.

The posters were very well received.

1. [Benefit Risk Ratio](#): *Aditya Patankar, Abhinav Paknikar*

2. [Cancer Associated Thrombosis](#): Arav Bongirwar

3. [D-Dimer](#): Arushi Garud, Siddarth Suresh

PERT Consortium 2024

September 11-14, 2024

[GTF Program Brochure](#)

After attending a very successful meeting of the PERT Consortium in Austin, TX, in 2023, GTF Scholars were invited to participate in and present their research data at the 10th Annual Pulmonary Embolism Symposium from September 11-14, 2024, in Boston, MA.

The scholars presented the following research projects:

1. [Cancer Associated Thrombosis](#): Arya Karmarkar, Avaneesh Jadhav, Avani Prabhu

2. [Chronic Immune Thrombocytopenia](#): Isha Labhsetwar, Keerti Chakravarthy, Uddip Kashyap

3. [D-Dimer](#): Parnika Tanguturu, Rishi Motkur

4. [Heparin Resistance](#): Maanas Deodhar, Srishti Sawant, Surabhi Fadnavis

The scholars, besides making impressive presentations, made several important contacts and generated new projects to be carried on in the next year: Women in Research (Keerti Chakravarthy), Global Heparin Shortage (Maanas Deodhar, Srishti Sawant and Surabhi Fadnavis), Artificial Intelligence (Uddip Kashyap).

High School Scholar's Day (HSS) 2024

July 19, 2024

[GTF Program Brochure](#)

The HSS Day event held on July 19, 2024 was a huge success, with guests such as Drs. Margaret Callahan, Fakiha Siddiqui, Jawed Fareed, Joseph Caprini, Trent Reed attending.

GTF Scholar Posters –

[EKOS catheter](#): Arya Karmarkar

Mentor: Anterpreet Dua, MD

[Race and VTE](#): Srishti Sawant

Mentor: Atul Laddu, MD

[Stress, Thrombosis, and cardiac arrest](#): Sahithi Rajuladevi, Aditya Patankar

Mentor: Girish Pore, MD

GTF Intern Research Presentations –

[Hypercoagulable state in thalassemia patients:](#) *Aarushi Dua*

Mentor: Neha Thomas, MD

[Thrombogenesis in Sickle Cell Anemia:](#) *Krish Punyarthi, Preston Reed*

Mentor: Neha Thomas, MD

[Cancer associated thrombosis:](#) *Arushi Garud*

Mentor: Fakiha Siddiqui, MD

[International registry for cancer and thrombosis – RIETE trial:](#) *Priyanka Kavdikar*

Mentor: Fakiha Siddiqui, MD

GTF Scholar Presentations –

[Chronic Immune Thrombocytopenia:](#) *Abhinav Paknikar, Siddharth Suresh*

Mentor: Rashmi Kulkarni, MD

[Heparin Resistance:](#) *Arav Raghunathan*

Mentor: Sagar Garud, MD

[Benefit Risk Ratio:](#) *Ayan Raghunathan, Surabhi Fadnavis*

Mentor: Atul Laddu, MD

European Venous Forum (EVF) 2024

June 27-29, 2024

[GTF Program Brochure](#)

GTF Scholars were invited to attend and present their research data at the 24th Annual Meeting of the European Venous Forum (EVF) meeting from June 27-29, 2024 in Athens, Greece.

The following GTF Scholars attended: *Mr. Jibran Bokhary, Mr. Anish Joshi, Mr. Rishi Motkur, Ms. Nethra Pai, Mr. Krish Raina, and Ms. Nysha Reddy*

The scholars presented their research data on the following topic: A Novel And Breakthrough Way To Collect Thrombosis Risk Assessment Data

[Link to Poster Presentation](#)

[Link to Powerpoint Presentation](#)

The presentations were very well received.

31st World Congress of the IUA 2024

June 13-15, 2024

[GTF Program Brochure](#)

The collaboration of the Global Thrombosis Forum and the IUA started in 2022 when they made research presentations at the 30th World IUA Congress in Porto Alegre, Brazil. On June 13-15, 2024, group of proud 11 GTF Scholars (Arushi Garud, Divyanka Kavdikar, Harith Dhinakaran, Krish Raina, Mala Niverthi, Nethra Pai, Nysha Reddy, Priyanka Kavdikar, Richa Mahajan, Ragini Mohan, and Sia Lawrence) traveled to Porto, Portugal, to attend and make their PowerPoint research presentations at the 31st World IUA Congress.

The following is the listing of their research:

[Heavy Menstrual Bleeding and Anticoagulants](#)

Nysha Reddy, Harith Dhinakaran, Divyanka Kavdikar

[Underutilization of Aspirin in underdeveloped countries](#)

Arushi Garud, Nethra Pai, Richa Mahajan

[European Society of Cardiology's \(ESC\) Guidelines for Management of Pulmonary Embolism \(PE\)](#)

Mala Niverthi, Priyanka Kavdikar

[Heparin Induced Thrombotic Thrombocytopenia](#)

Krish Raina, Ragini Mohan, Sia Lawrence

The presentations, delivered in front of a captivated audience of nearly 140, were met with applause and appreciation, a testament to the quality and relevance of our scholars' research.

Thrombosis and Hemostasis Society of North America 2024

April 04-06, 2024

GTF represented at THSNA 2024 along with 14 high school scholars who presented posters which were very well received by the audience. A lot of visitors stopped by the GTF booth and the general impression was that they were very surprised to see high schoolers being at the event and being so professional. GTF thus added another step in convincing the role and the power of the high school students in research.

Poster Presentations:

1. [Influence of pharmaceutical industry on published clinical trial results:](#)

Arav Ramanathan, Divyanka Kavdikar, Ishvari Mokadam, Siddarth Suresh, Fakiha Siddiqui, Atul Laddu, and Jawed Fareed

2. [Cellular indices of DVT:](#)

Priyanka Kavdikar, Ragini Mohan, Nysha Reddy, Neha Thomas, Fakiha Siddiqui, Atul Laddu, and Jawed Fareed

3. [DOAC's in the elderly:](#)

Abhinav Paknikar, Aarushi Dua, Anish Joshi, Keerti Chakravarthy, Fakiha Siddiqui, Atul Laddu, and Jawed Fareed

4. [What is the role of family history in the management of VTE?:](#)

Ayan Ramanathan, Ishan Dhaneshwar, Krish Punyarthi, Richa Mahajan, Joseph Caprini, Fakiha Siddiqui, Atul Laddu, and Jawed Fareed

4th Rajan Memorial Lecture/GTF Symposium 2024

January 14, 2024

Per GTF yearly tradition, the Rajan Memorial Symposium was arranged on this date, with Joseph Caprini, MD as the Keynote Speaker. The symposium gives a unique opportunity to the GTF Scholars to speak in a conference in front of the faculty, conduct independent research, create presentations, respond to the questions with confidence.

About 50 attendees, including Dr. Margaret Callahan, The Provost of Loyola University, and Prof. Jawed Fareed, were present. Please see the attached [brochure](#) and presentations.

Keynote Presentation – [Prevention Of Fatal Pulmonary Emboli – The Missing Link](#)

Joseph Caprini, MD

GTF Scholar Presentations –

[Heparin Induced Thrombotic Thrombocytopenia](#)

Krish Raina, Ragini Mohan

Mentor: *Neha Thomas*

[Heavy Menstrual Bleeding \(HMB\) and Anticoagulants](#)

Anvit Divekar, and Nysha Reddy

Mentor: *Dr. Atul Laddu*

Underutilization of Aspirin in secondary prevention

Arushi Garud, Nethra Pai

Mentor: *Dr. Atul Laddu*

Trust in Pharmaceutical Industries

Arushi Dua, Shriya Sawant, and Sonal Kapuria

Mentor: *Dr. Atul Laddu*

Concluding Presentation – Cancer-Associated Thrombosis: Biomarker of Thrombo-Inflammation

Drs. Fakiha Siddiqui, Amir Darki, Alfonso Tafur, Debra Hoppensteadt, Eduardo Ramacciotti, Bulent Kantarcioglu, Manuel Monreal, and Jawed Fareed

World Thrombosis Day

October 13, 2023

October 13, 2023, happened to be the World Thrombosis Day. On this Day, a symposium was held on the topic of Molecular Pathogenesis of Pulmonary Embolism and Deep Vein Thrombosis in collaboration with the PACO (Promoting Awareness of Clotting Outcomes) Foundation, Loyola University, International Union of Angiology, Global Thrombosis Forum, and North American Thrombosis Forum, with Drs. Amir Darki and Dr. Eduardo Ramacciotti and the Chairs.

See the [brochure](#) for details.

Three posters created by the GTF Scholars were presented at this event.

Cellular indices of PE

Mala Niverthi, Vivaan Karnik, Fakiha Siddiqui, Jawed Fareed, and Atul Laddu, Global Thrombosis Forum and Loyola University

Mentor: *Neha Thomas*

Genetic association of PE

Aneesh Natakala, Surabhi Fadnavis, Fakiha Siddiqui, Jawed Fareed, and Atul Laddu, Global Thrombosis Forum and Loyola University

Mentor: *Dr. Atul Laddu*

Pathophysiology of DVT

Aditya Patankar, Srishti Sawant, Maanas Deodhar, Fakiha Siddiqui, Jawed Fareed, and Atul Laddu, Global Thrombosis Forum and Loyola University

Mentor: *Dr. Atul Laddu*

In addition, 2 very interesting topics were presented by 2 GTF Scholars:

[GTF Goes Global and the Impact of GTF on Our Lives](#)

Maanas Deodhar

[Outreach Initiative](#)

Richa Mahajan

Link to the photos: <https://link.shutterstock.com/8l91USg2mEb>

PERT Consortium

September 20-23, 2023

[Brochure](#)

On September 20-23, 2023, the Ninth Pulmonary Embolism Symposium (www.pertconsortium.org) was held in Austin, TX. The following GTF scholars were privileged to be invited to attend the event and present their research work at the meeting:

[Cellular Indices of PE](#)

Abhinav Paknikar, Aniket Talanki, Sonal Kapuria, Neha Thomas and Atul Laddu

[Pathophysiology of DVT](#)

Avaneesh Jadhav, Harith Dhinakaran, and Atul Laddu

[Pathophysiology of the Death Spiral of PE](#)

Ishvari Mokadam, Ishanth Talanki, and Atul Laddu

[Genetic association of PE](#)

Nethra Pai, Anvit Divekar, Aditya Sathe, and Atul Laddu

In addition to the presentations, the GTF Scholars had a booth and also attended a live Physicians-in-Training Bootcamp where they observed live demonstrations of various procedures.

Link to the Boot Camp: <https://pertconsortium.org/2022-pert-bootcamp/>

Link to the photos: <https://link.shutterstock.com/N5G91jq0vDb>

GTF Internships at Silicon Valley Research Institute (SVRI), São Paulo, Brazil under Prof. Eduardo Ramacciotti, MD PhD

July 2023

In the true sense of GTF going Global, GTF is very proud to announce that our very first 3-week internship outside the U.S. was held in Sao Paulo, from July 3rd to July 21st, 2023. The GTF Board selected two of our brightest scholars, Arav Bongirwar and Krish Raina. The adults who accompanied these GTF Scholars were Dr. Divya Raina and Ms. Shubhangi

Bongirwar.

Arav and Krish were involved in a variety of research projects (the PPT presentations and reports of the internships from Arav and Krish are listed below).

Since Arav and Krish were entering the research arena at the SVRI, each one of them took a qualifying test for HIPPA and were certified prior to initiating the internship.

This was by no means the end of our efforts, Dr. Ramacciotti has kindly extended his invitation to some other GTF scholars for the year 2024.

[Oceanic-AF – Clinical Trial](#)

Arav Bongirwar

[Effect of Inclisiran on Atherosclerotic Cardiovascular Disease](#)

Krish Raina

Virtual High School Scholars' Day 2023

July 14, 2023

[Program/Schedule](#)

The HSS Day event held on July 14, 2023 was a huge success, with guests such as Drs. Bulent Kantarcioglu, Debra Hoppensteadt, Fakiah Siddiqui, Jawed Fareed, Jeanine Walenga, Joseph Caprini, Margaret Callahan attending.

The guests were very impressed at the selected topics and the high quality of presentations. It was indicated that GTF has now initiated joint programs with AC Forum, International Society of Thrombosis and Hemostasis (ISTH), International Union of Angiology (IUA), Loyola, North American Thrombosis Forum (NATF), Promoting Awareness of Clotting Outcomes (PACO), Pulmonary Embolism Response Team (PERT), Dr. Eduardo Ramacciotti, Turkish Society of Hematology (TSH), and Thrombosis and Hemostasis Society of North America (THSNA). Dr. Caprini is trying to get GTF connected with the American Venous Forum (AVF).

Presentations

[DOAC use in the elderly.](#)

Divyanka Kavdikar, Krish Raina, Rohit Dandavate

[Influence of Pharmaceutical industry on development of drugs.](#)

Harith Dhinakaran, Krish Punyarthi

[Cellular Indices for DVT](#)

Abhinav Paknikar, Anvit Divekar

[Pharmacy Benefit Managers](#)

Sonal Kapuria and Aneesh Natakala

Posters

[History of COVID-19 and VTE](#)

Arushi Garud, Nethra Pai

[DVT Walk-in Clinic](#)

Ragini Mohan, Arav Raghunathan

[Thrombosis in pediatric cancer patients](#)

Anish Joshi, Avaneesh Jadhav, and Arav Ragunathan

AC (Anticoagulation) Forum 2023, San Francisco, CA

April 01, 2023

[Program/Schedule](#)

April 1, 2023 was a very important and a special day for the GTF scholars and GTF, where Anish Joshi, Arushi Garud, Divya Honavar, Maya Sompalli, and Shivam Gupta presented their research work at the AC Forum Congress held in San Francisco. This was the first time that the GTF scholars had presented their research work at the AC Forum Congress. The response from all the participants in the Congress was very encouraging.

[Anticoagulant management of COVID-19 patients with thrombotic complications](#)

Arushi Garud, Anish Joshi, Neha Thomas (MSc), Atul Laddu (MD, PhD) and Jawed Fareed (PhD)

[Biomarkers of Hemostatic Dysregulation](#)

Shivam Gupta, Divya Honavar, Neha Thomas (MSc), Atul Laddu (MD, PhD) and Jawed Fareed (PhD)

Third Rajan Memorial Lecture/GTF Symposium 2023

January 08, 2023

[Program Brochure](#)

Per tradition, on January 8, 2023, GTF conducted a very successful Third Rajan Memorial Lecture/GTF Symposium 2023. The highlight was the masterly address by the Keynote Speaker of the program, Stephan Moll, MD, Professor of Hematology at the University of North Carolina, on “DVT and PE: making a diagnosis and creating a treatment plan”. Attached below is the brochure and the talks given by GTF scholars and the Faculty (Drs. Bulent Kantarcioglu, Margaret Callahan, Charles Carter, Jawed Fareed, Pedro Pablo Komlos, Stephan Moll, and Eduardo Ramacciotti).

[What is DVT and PE?](#)

Krish Raina and Avaneesh Jadhav

Pathophysiology of DVT

Ishaan Dhaneshwar and Shriya Sawant

Pathophysiology of PE

Richa Mahajan and Mala Niverthi

DVT and PE: Making a Diagnosis and Creating a Treatment Plan

Stephan Moll, MD

Role of Warfarin in Patient Management – 2023 and Beyond

Charles A. Carter, PharmD, MBA

Heparin vs DOAC's in the Management of PE

Jawed Fareed PhD, DSc, FAHA

Antithrombotic Therapy in COVID-19

Bulent Kantarcioglu, MD

Fourth anniversary event of the Promoting Awareness of Clotting Outcomes (PACO) Foundation – 2022

November 19, 2022

The Fourth anniversary event of the Promoting Awareness of Clotting Outcomes (PACO) Foundation was held virtually on November 19, 2022. Experts such as Alfonso Tafur, MD; Bulent Kantarcioglu, MD; Jawed Fareed, PhD; Jeanine Walenga, PhD; and Joseph Caprini, MD presided at the event.

IUA World Congress 2022 – Porto Alegre, Brazil

October 14, 2022

Global Thrombosis Forum (GTF) has been an affiliate member of the IUA since 2021. Recently eight of the GTF High School Scholars (Ms. Anaya Rege, Mr. Arav Bongirwar, Ms. Isha Patkar, Ms. Malvika Sawant, Ms. Radhika Kulkarni, Ms. Roumika Patil, Ms. Sanika Ainchwar, and Ms. Shivangi Ranjan) were given the incredible honor of presenting their research work at the IUA World Congress held at Porto Alegre, Brazil from October 13-15, 2022. With immense help, cooperation, guidance and encouragement from Prof. Luigi Antignani, MD (President of IUA) and Prof. Pedro Pablo Komlos, MD (President-elect of IUA), this was the first time IUA had embarked on a project with presentations by high school students. Attendees at the Congress included MDs, PhDs, MS, medical students, nurses, and researchers from all over the world. The presentations by the GTF High School Scholars were moderated by renowned vascular surgeon Dr. Eduardo Ramacciotti, were

appreciated by everyone, and helped in establishing very firmly the role of high school students in research activities.

Virtual High School Scholars' Day

July 30, 2022

The Global Thrombosis Forum and Loyola University, Chicago held the High School Scholar's day on July 30th 2022. Since 2020, the GTF High School Scholar Summer Research program has been planned in a virtual format in which students and faculty contribute with several innovative approaches to carry out assigned projects in an effective manner. This year too the program involved periodic group sessions, individual faculty / student interactions and scheduled didactic presentations relevant to assigned biomedical research in an integrated fashion. The concept and implementation of the virtual program was supported by the Provost Dr. Margaret Callahan and Vice Provost, Dr. Meharvan Singh.

5th Annual BRIDGE(Beginning Researchers Involved in Discovery through Guidance and Exploration)

June 22, 2022

The fifth annual BRIDGE (Beginning Researchers Involved in Discovery through Guidance and Exploration) event was held virtually on June 22, 2022 where the GTF high school scholars presented their research to the Faculty through posters and powerpoint presentations.

Pulmonary Embolism Symposium: Second Rajan Memorial Lecture

January 9, 2022

In the process of giving the GTF students higher levels of training in research, communications and presentations, GTF has initiated a program for having a symposium on some special topics inviting GTF young members in their advanced career, along with some experts. The first of this series was a symposium on challenges for dentists with patients on anticoagulants. The next one was, "Anticoagulation in GI Tract: An update on GI disorders: Diagnostic and Therapeutic Considerations". Our next one was COVID-19 and Cardiovascular Effects, where the first Rajan Memorial Lecture with the keynote speaker was by Alfonso Tafur, MD, from the Northshore University Health System, who spoke on, "Addressing Thrombosis risk in patients with vascular malformations including CLOVES", consistent with Rajan's condition of Cloves Syndrome. Today, the theme of the symposium is Pulmonary Embolism in young children, with Samuel Goldhaber, MD, from Harvard Medical School and President of NATF, as the keynote speaker, consistent with Rajan who succumbed to PE at an early age of 23!

3rd Anniversary Of The Promoting Awareness Of Clotting Outcomes Foundation (PACO FNDN)

November 13, 2021

GTF young members made a presentation of their research work at the PACO 3rd anniversary event on Saturday, November 13, 2021.

Of special mention is the significant contribution from young mentors Aditya Sathe, a 3rd year medical student, and Ms. Priya Lokasundaram, a nursing student.

Global Thrombosis Forum Virtual High School Scholars' Day