



The Youth is our Future, and the Future is Here



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1 - Global Thrombosis Forum, Suwanee, GA and 2 - Loyola University, Chicago, IL

Hypothesis

GTF aims to empower high schoolers to see the role of research in life.

Background

2011: A young high school student, age 14, suffered from a massive bilateral Pulmonary Embolism, 1-day post-back surgery. At Global Thrombosis Forum (GTF) the research talents of high school students are nurtured. The objective is to let the world start acknowledging the efforts of high school students.

Objectives

GTF scholars are encouraged to present their research in the USA, Europe, Australia, and Brazil, getting a wide exposure. We have presented research at 5+ international meetings every year. Our scholars have published articles from their research in various peer-reviewed journals.

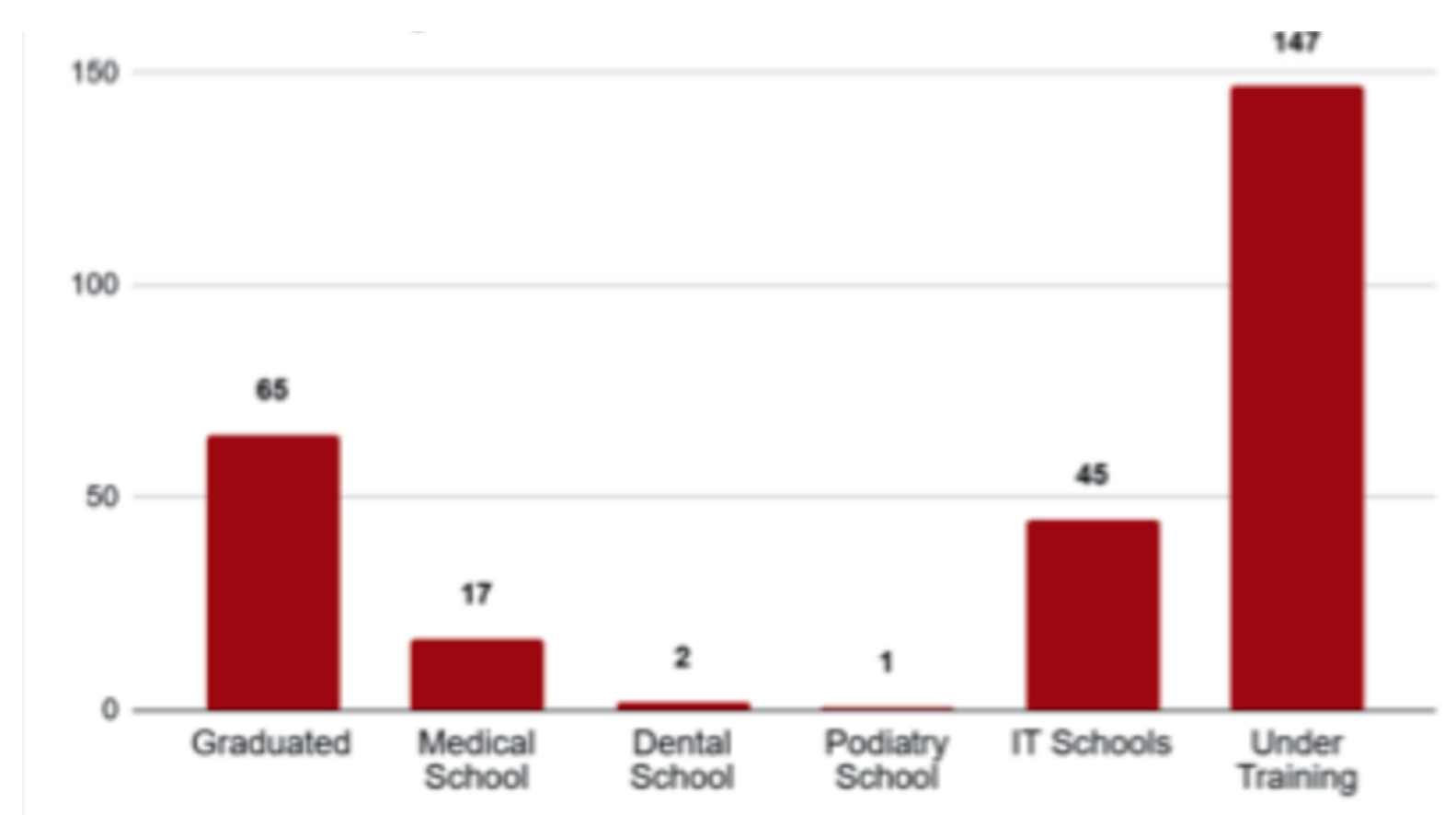


Figure 1: Progress of GTF Scholars over 12 Years

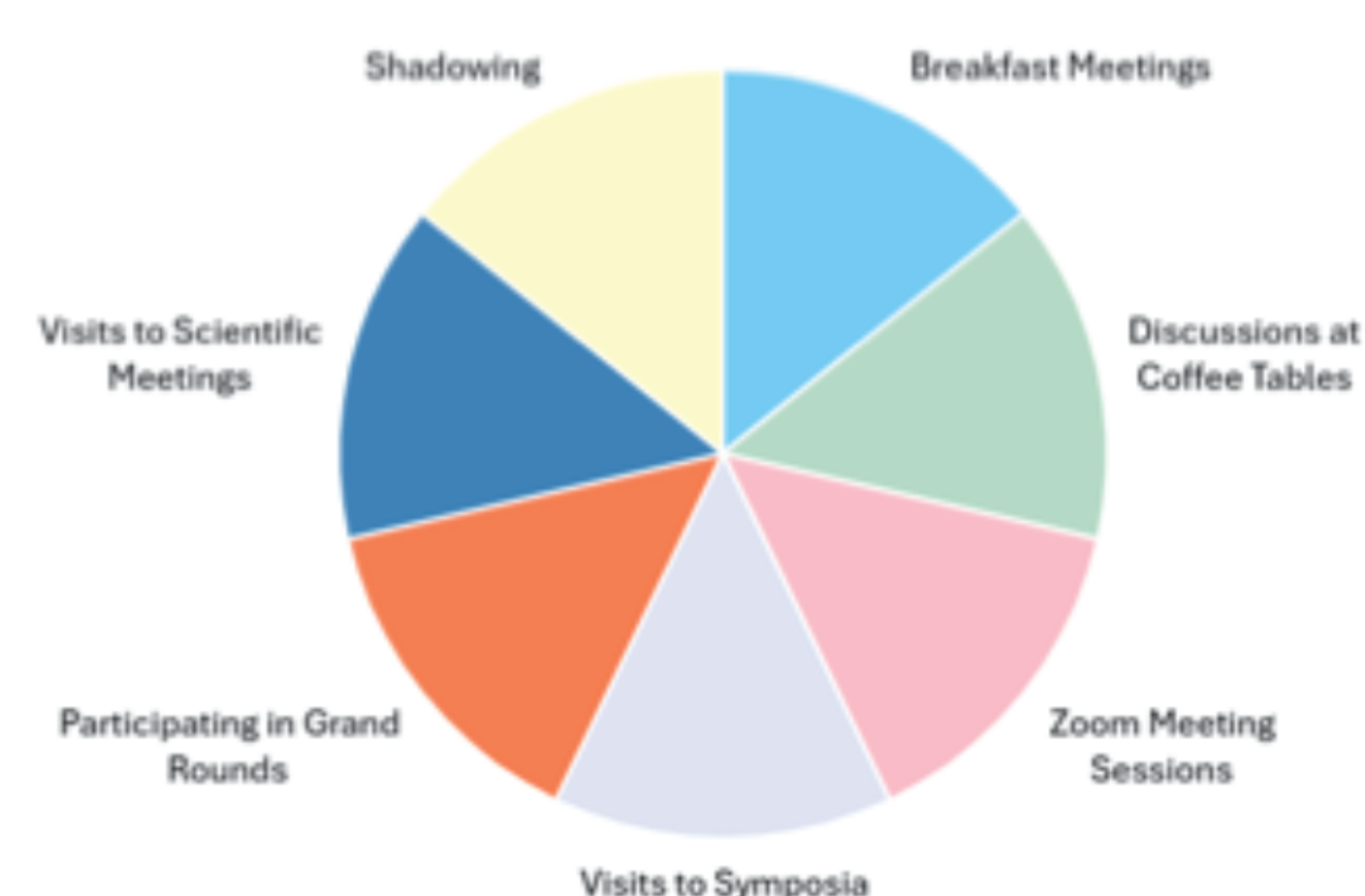


Figure 2: Activities of GTF Scholars

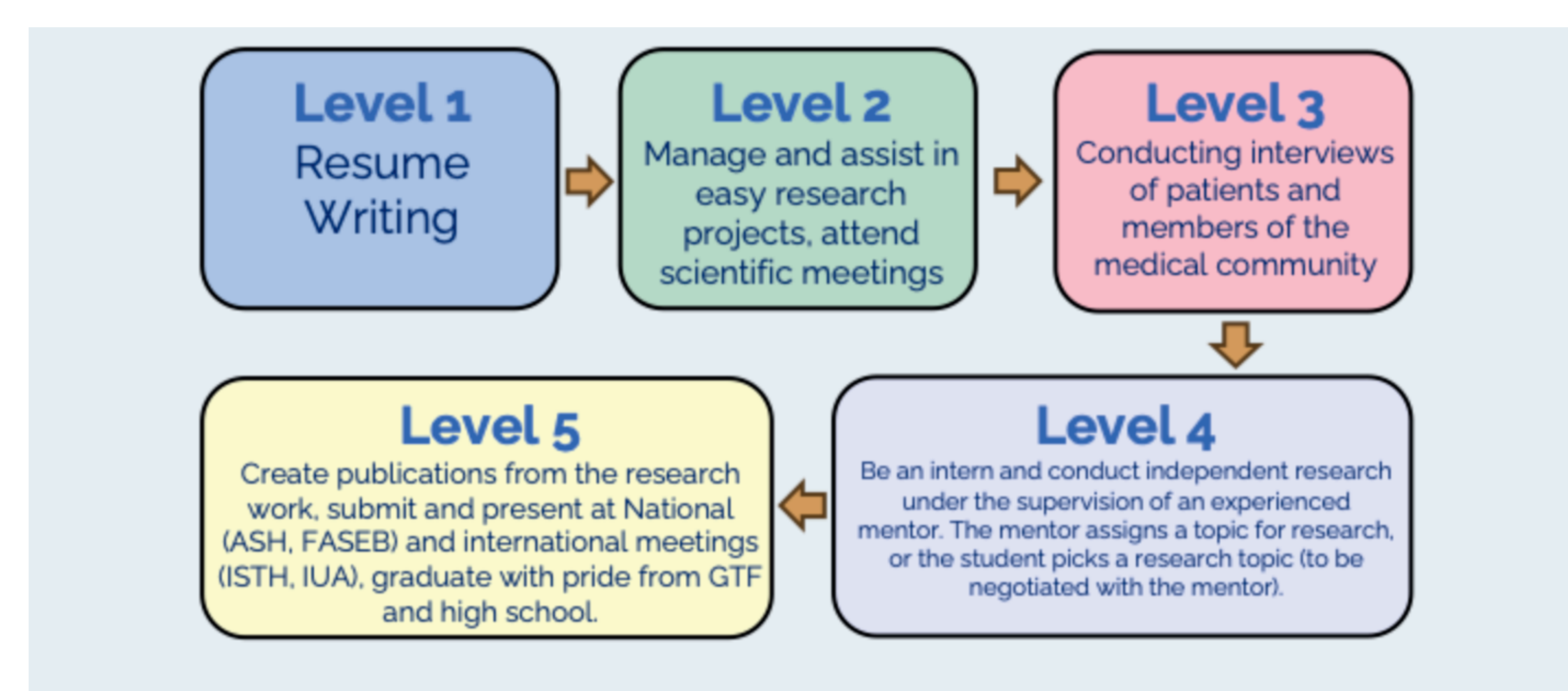


Figure 3: Levels of Achievement in GTF

Methods

GTF Internship Locations

1. AntiCoagulation Forum (ACForum)
2. Albany College of Pharmacy & Health Sciences
3. Brigham & Womens Hospital Pharmacy
4. Loyola University
5. PERT Consortium
6. PACO Foundation
7. Prof. Eduardo Ramacciotti, MD, Sao Paulo
8. Shadowing with Local Physicians and Dentists

Selected Research Topics

1. Anticoagulation in COVID-19
2. Difference between apixaban and rivaroxaban
3. Biomarkers of Thrombin Generation
4. Biomarkers in PE
5. Vaccine Induced Thrombocytopenia

Presentation of Research Worldwide

1. AVF
2. ACForum
3. Central European Venous Forum
4. EVF
5. ISTH
6. IUA
7. UIP
8. Loyola University
9. PERT Consortium
10. PACO Foundation
12. Turkish Society of Hematology
13. WIVF
14. Albany College of Pharmacy & Health Sciences
15. Brigham & Women's Hospital Pharmacy
16. Prof. Eduardo Ramacciotti, MD, Sao Paulo

Results

Publications in Peer-Reviewed Journals

1. ASH
2. ASPET
3. AV Forum
4. EV Forum
5. FASEB
6. ISTH
7. IUA
8. J-CATH

Academic Awards in GTF

1. All Rounder Award
2. Dr. Mathur Memorial Award for Excellence in Research
3. Presidential Volunteer Service Award

Positive influence of GTF on College Admissions

1. The students who have completed their tenure in GTF and are applying to colleges are routinely given letters of recommendation upon request to the colleges.
2. Considerable time and effort are spent writing the letters carefully, including all their GTF performance.
3. These letters in the past 12 years have proved very useful for students to secure admissions in good colleges such as Brown, Cornell, Duke, Harvard, Johns Hopkins, University of Michigan, UNC, Yale, and others.

Conclusion

GTF's aims over the past 12 years to bringing out the best from the high school scholars have paid rich dividends. We have coached scientific research to severall of our high school scholars, have created created internships for them, and given them opportunities to present their research at domestic and international scientific meetings. It is because of this, our slogan is, The Youth is our Future, and the Future is Here.