I TRY IT

ISBT Transfusion Research Young Investigator Training

ISBT ACADEMY

There are many ‘bright ideas in the field of transfusion medicine that are waiting for young investigators

Introduction

The I TRY IT 2022 programme is an initiative of the ISBT Academy and is led by members of the Transfusion-Transmitted Infectious Disease (TTID) and Clinical Transfusion (CT) Working Parties (WP).

1. Objectives

There are 4 main objectives for the I TRY IT programme:

1. To **complete a research protocol** for a study designed to be conducted in your country or where your work.
2. To learn the **components of research protocols/proposals** and specific study designs used in transfusion medicine.
3. To learn how to provide and to receive **constructive criticism** of scientific research
4. To help you plan for and conduct the research project you designed as part of the programme, and approaches for **analyzing the data to answer your research question**.

The most challenging part is conducting the study and analyzing the data. However, these are easier if you begin with a solid foundation - the research protocol is that foundation.

There are many 'bright ideas' or research discoveries in the field of transfusion medicine that are waiting for young investigators.

So jump in, say "I TRY IT", and send us your applications for I TRY IT 2022 programme.

2. About the programme

I TRY IT is a two part programme:

- **Part 1 Training in Study Design and Protocol Development**
- **Part 2 Training in Analysing Data and Manuscript Preparation**

The two parts of the programme are offered in different years. The focus of the programme in 2022 will be Study Design and Protocol Development which teaches participants how to write research protocols while developing a research project that will answer a specific research question.

3. Methods

Online live lectures: Participants and instructors are located all over the world. The preferred approach is for you to participate during the live lectures online. Alternately, each lecture will become available to be downloaded via **ISBT Education** so that you can access the content at times that works best for you or if your internet connection speed requires you to download the material.

Attending the live lectures is the most certain way for you to learn the content and be able to ask questions to improve your depth of knowledge. We will be using Zoom™ for course lectures. To participate, you will be invited to each online lecture and then will have to join the lecture via the URL provided in each invitation.

Lecture recordings will be posted on ISBT Education. Each of you will have a specific login and password to access the content.

Homework is assigned that is focused on writing the sections of a research protocol. As part of the programme you will write a real

research protocol that can be implemented in your setting.

You will also be involved in reviewing project proposals by others to experience peer-review as both a reviewer and reviewee.

In addition, you are expected to **attend the Transfusion-Transmitted Infectious Disease (TTID) or Clinical Transfusion (CP) Working Party meetings** as part of your training experience.

4. Research Grant

To facilitate conducting research, the Study Design and Protocol Development programme concludes with the opportunity for you to apply for a **small research grant to conduct your study**.

These research grants are competitive and awarded to the best protocols as judged by expert reviewers from the ISBT Working Parties.

5. Applicants and Application

Deadlines for applications will be given in a separate timetable for each year, published on the ISBT website.

Submit your application below before April 21, 2022

SUBMIT YOUR APPLICATION

To apply, please provide the following:

1. **A current version of your curriculum vitae (CV) or resume.** (list any scientific publications)
2. **A preliminary research idea or research question description**.This must not exceed a one-sided single page, describing the transfusion related study you would like to conduct.

RESEARCH IN YOUR COUNTRY CAN BENEFIT TRANSFUSION MEDICINE LOCALLY AND CONTRIBUTE TO THE GLOBAL BODY OF KNOWLEDGE IN TRANSFUSION MEDICINE

6. Expenses Covered

Registration is provided for a virtual or face to face ISBT Congress.

Travel and accommodation expenses to attend the ISBT Congress will be covered where the meeting is held face to face.

ISBT Central Office will work with you to arrange international travel. You are responsible for securing any required travel documents such as passports or visas. ISBT will assist you by providing letters of invitation, but you will have to apply and pay applicable fees yourself.

You must **become a member of ISBT**. ISBT membership fees are not covered by the I TRY IT programme. Click the button for more information on ISBT membership.

MEMBERSHIP INFORMATION

7. Required Reading

Designing Clinical Research, 4th Edition, 2013
By Stephen B Hulley, Steven R Cummings, Warren S Browner, Deborah G Grady, Thomas B Newman.

We will provide copies of this book to you. Books will be sent to you directly around the time of the first course lecture.
Additional online reference material that accompanies the text book is available at:

http://www.dcr-4.net/

8. Acknowledgements

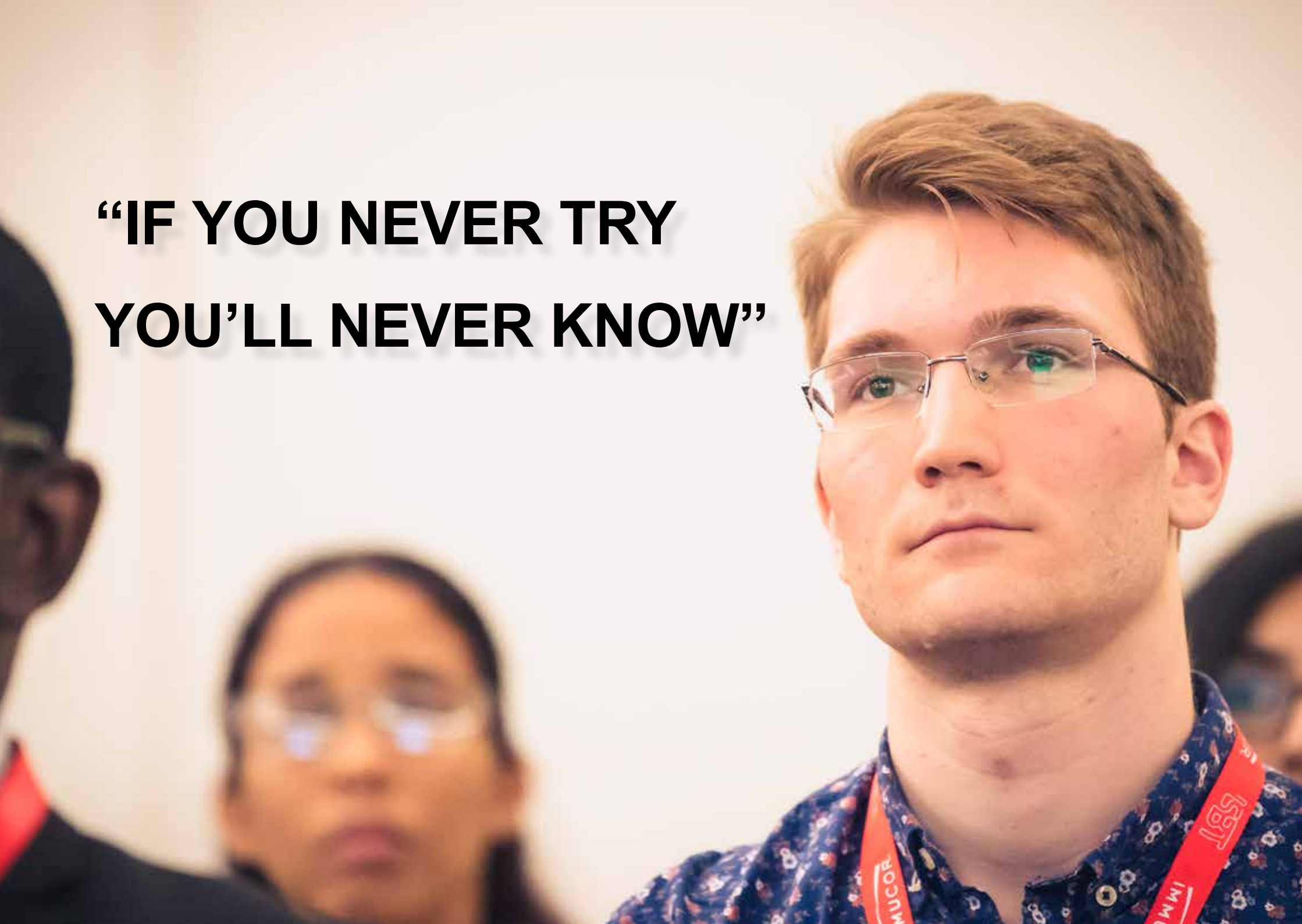
We gratefully acknowledge **Dr. Steven Hulley** of UCSF who developed the original UCSF Training in Clinical Research (TICR) course from which the I TRY IT programme has been adapted.

We also gratefully acknowledge **Dr. Edward Murphy** of UCSF/BSRI who developed the short-course format and **Dr. Willi McFarland** from the San Francisco Department of Public Health/UCSF, each has led multiple versions of courses similar to this in many different countries.

Without these predecessors this initiative would not have been possible.

"The I TRY IT has immensely helped me in developing our overdue research protocol as its format of instruction is very effective and efficient"

Iza Maechamen, Philippines


“IF YOU NEVER TRY
YOU’LL NEVER KNOW”

Schedule 2022

The lectures will start in May 2022. The webinars will cover the following content.

Note that all times below are Coordinated Universal Time. You will need to convert this to your local time.

LECTURE/ LECTURER	DATE	TOPIC	HOMEWORK DUE
Brian Custer	11 May 2022 (wk.19) at 15:00 UTC	Conceiving the research question and study hypothesis	19 May 2022
Arwa Al Riyami	25 May 2022 (wk.21) at 15:00 UTC	1. Background and significance section 2. Literature search and references	2 June 2022
Sheila O'Brien	8 June 2022 (wk.23) at 15:00 UTC	Basics of measurement: variable types, precision and accuracy	16 June 2022
Leo van de Watering	22 June 2022 (wk.25) at 15:00 UTC	Estimating Sample Size & Power	7 July 2022
Sheila O'Brien	13 July 2022 (wk.28) at 15:00 UTC	**Study Design Part 1**: Overview of study designs: Observational & Randomized designs	28 July 2022
Marion Vermeulen	3 August 2022 (wk.31) at 15:00 UTC	**Study Design Part 2**: Designing studies of medical tests, including sensitivity and specificity, Large data bases & "Big Data"	17 August 2022
Leo van de Watering	24 August 2022 (wk.34) at 15:00 UTC	Data validity, cause and effect, issues of bias	7 September 2022
Brian Custer	14 Sept 2022 (wk.37) at 15:00 UTC	Data management, preparation for analysis & introduction to statistical analyses	29 September 2022
Lilian M. del Castil-ho	5 Okt 2022 (wk.40) at 15:00 UTC	Developing research questionnaires and data collection instruments	20 October 2022
Karin van den Berg	2 Nov 2022 (wk.44) at 15:00 UTC	Research ethics, budget & Who will review Who	16 November 2022
Brian Custer	16 Nov 2022 (wk46) at 15:00 UTC	Review process & Who will review Who	30 November 2022
All	30 Nov 2022 (wk.48) Time tbd	Review Meeting	

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