



GLOBAL TALENT MENTORING

by the World Giftedness Center

The Hub Issue #18 - Aug 2025



Cohort Five Begins: Deepening Our Commitment to Mentoring for STEMM Talent Development

On 20 April 2021, Global Talent Mentoring launched with a clear mission: to connect highly motivated young talents in STEMM (science, technology, engineering, mathematics, and medical sciences) with accomplished mentors from around the world. That vision became a reality with the first cohort, and today, we are proud to welcome our Fifth Cohort, marking a significant milestone in our journey.

As in previous years, we received an outstanding number of applications from exceptionally talented students across the globe, all eager to deepen their knowledge and grow through one-on-one mentorship with STEMM experts. This year's applicants hail from more than 30 countries, spanning six continents. From the innovation hubs of the United States and Germany to emerging STEMM communities in Kenya, Syria, and Azerbaijan, they bring a wide range of cultures, ideas, and ways of thinking. With participants now representing nearly 60 countries, we are excited to see this continued global diversity and engagement enriching the program, fostering cross-cultural exchange and deeper collaboration within the international STEMM community.

Global Talent Mentoring was created on the premise of running for about ten years for each of our carefully selected mentees, providing them with continuous guidance and development throughout their academic and professional journeys. This year marks the halfway point for some of our mentees and mentors, a moment to reflect on the progress made so far and the growth yet to come. At the same time, it's a fresh start for our Fifth Cohort, full of new talents, aspirations, and opportunities for growth.

Since our very first cohort in 2021, we have had the joy and privilege of watching many of our mentees not only grow in their STEMM journeys but also achieve remarkable milestones in their lives. Several have graduated from high school and earned admission to some of the world's most prestigious universities. A few have even completed their bachelor's degrees and are now beginning their postgraduate studies. These achievements reflect the dedication and guidance our mentors provide, helping to shape bright futures and empower the next generation of

World Giftedness Center AWARDS

Applied Research Global Award of Talented Education

This award aims to encourage international scientists who have reasonable quality research productions dedicated to support and foster gifted education, talent development and related areas.

Submission Deadline:
by 15 September 2025

Apply now for a chance to win!
Award Value

\$25,000

Scan the QR Code for more information about the reward



Inquiries



Registration

School Global Award Initiative of Talented Education

This award primarily aims to encourage outstanding school's initiatives and/or best practices (projects or programs) to provide rewarding education to gifted and talented students from K 1 through pre-university worldwide.

Submission Deadline:
by 15 September 2025

Apply now for a chance to win!
Award Value

\$25,000

Scan the QR Code for more information about the reward



Inquiries



Registration

helping to shape bright futures and empower the next generation of STEMM leaders.

This milestone is only possible thanks to the unwavering support of our partner organizations and collaborators around the world, whose advocacy and engagement help bring Global Talent Mentoring to life each year. We are especially grateful to our dedicated mentors, who generously share their time, expertise, and encouragement with the next generation of STEMM talent. Together, this vibrant network of supporters continues to build a truly global community rooted in excellence, curiosity, and meaningful connection.

As we begin the fifth cycle of Global Talent Mentoring, we look forward to another year of discovery, collaboration, and transformation. Welcome, Cohort 5!

Dr. Ravi Prakash's Visit to the Foundation – April 2025

PLASMA POWER MEETS ACADEMIC PRIDE: DR. PRAKASH LIGHTS UP THE FOUNDATION'S APRIL VISIT



In April, the Hamdan Bin Rashid Al Maktoum Foundation for Medical and Educational Sciences welcomed a special guest whose passion for plasma is only matched by his enthusiasm for mentoring the next generation of scientific minds.

Dr. Prakash, an esteemed mentor with the Global Talent Mentoring program, made a much-anticipated visit to the Foundation during his recent trip to Dubai. A figure well known in the plasma sphere and celebrated for his vibrant, hands-on approach, Dr. Prakash was warmly welcomed by the program team, who were thrilled to finally meet the plasma devotee in person.

His visit coincided with the Foundation's annual Awards Ceremony, a distinguished celebration that honours outstanding achievements in education, recognizing students, educators, institutions, and innovators who elevate the standards of excellence. Inspired by the event, Dr. Prakash offered high praise for the achievements showcased, saying that, in his eyes, what is being done for gifted youth reaches higher than Burj Khalifa. It was a declaration that left the room both smiling and proud.

From Plasma Labs to Mentorship in Motion

Following the ceremony, Dr. Prakash met the director of Global Talent Mentoring, Dr. Mariam Alghawi, and the rest of the team for an in-depth exchange on all things mentorship, science, and community impact. Reflecting on his mentoring journey over the past year, he shared updates about his work with a high school mentee matched through the Foundation's STEMM-focused program, the Global Talent Mentoring. Since their pairing in April 2024, the duo has made significant progress on their joint focus: the physics and real-world application of plasma studies. "It's been incredibly rewarding," said Dr. Prakash. "My mentee, Edgar, is self-driven and sharp, really just needs the right software, and a nudge now and then. For me, it's not just a good use of time; it's the best use. In just 30 minutes a week, we're building toward something remarkable." That "something" includes plans to publish a scientific paper within the next year, an unusual feat for a high school student, and a testament to the quality of both mentorship and mentee selection.

Boundaries? What Boundaries?

Despite being continents apart, Dr. Prakash is based in India and his mentee in the United Kingdom, the pair have not let geography get in the way. "The international setup is actually a strength," he noted. "It's exciting to see how mentorship transcends borders. Working with this program lets me give back to the global community of learners and thinkers."

Before wrapping up his visit, Dr. Prakash even proposed a few ideas to further enhance the mentor experience, offering insights from his unique perspective as both scientist and educator. His visit may have lasted just a few days, but the spark he left behind, much like the plasma he studies, has a powerful energy of its own. The Global Talent Mentoring looks forward to more inspiring interactions with Dr. Prakash and mentors like him, as it continues to fuel the future of gifted education, one brilliant mind at a time.

Community Event:

Development of Electromagnetic Launcher – Design, Simulation

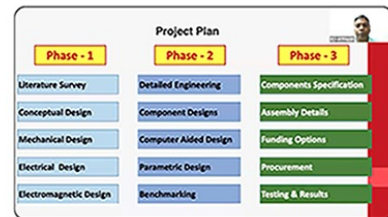


On June 27, 2025, the Global Talent Mentoring (GTM) program hosted a highly engaging and insightful community event. The event featured a presentation titled Development of Electromagnetic Launcher – Design, Simulation, presented by Dr. Ravi Prakash and his mentee, Edgar Ewing.

The session delved into the innovative work and research conducted by Dr. Ravi and Edgar as part of their collaborative project within the GTM program. Their presentation provided an in-depth look at the design, simulation, and development process of an electromagnetic launcher, showcasing their dedication to pushing the boundaries of STEM innovation.



The event was attended by participants from various backgrounds, all eager to learn about the cutting-edge developments in the field. The session included a 10-15 minute presentation followed by a dynamic Q&A, where attendees had the chance to engage directly with the presenters, asking insightful questions and sharing feedback.



As always, the GTM program continues to provide valuable opportunities for talented individuals to showcase their work, exchange ideas, and inspire the next generation of innovators. We are proud of the achievements of our participants and look forward to seeing more exciting developments in the future.

We would like to extend our gratitude to Dr. Ravi and Edgar for their exceptional presentation and to all who attended and contributed to the event's success.

Stay tuned for more community events and opportunities to connect with mentors, mentees, and experts in the field!

ANNOUNCING THE 3RD WORLD GIFTEDNESS CENTER INTERNATIONAL CONFERENCE!



The World Giftedness Center (WGC) of the Hamdan Bin Rashid Al Maktoum Foundation for Medical and Educational Sciences (Hamdan Foundation) is excited to announce the 3rd World Giftedness Center International Conference, taking place virtually from October 20 to 23, 2025!

This year's conference comes at a pivotal time as artificial intelligence and digital technology continue to reshape the world. These advancements present both challenges and opportunities in the field of gifted education and talent development, making this an essential event for researchers, educators, and experts in the field.

What to Expect

Join us as we bring together leading international researchers, practitioners, and experts to explore the latest innovations in gifted education. Through engaging presentations, thought-provoking discussions, and expert-led sessions, attendees will gain valuable insights into:

- Leveraging AI to enhance gifted education programs
- Developing innovative curricula to meet the needs of today's gifted learners
- Exploring best practices in talent development amid rapid technological change

Save the Date!

- 📅 When? October 20–23, 2025
- 🌐 Where? Virtual (Online)
- 🗣️ Language? English

Be part of this global gathering and help shape the future of gifted education and talent development!

For more details, visit: www.wgc.ae



Spread the News!

Please share The Hub with your friends and colleagues so that they can also become a part of our growing network.

Comments and questions about The Hub and Global Talent Mentoring can be addressed to the Editorial Team on: info@globaltalentmentoring.org



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