جامعة الملك عبدالله للعلوم والتقنية
King Abdullah University of Science and Technology





SRSI

المعمد السعودي للعلوم البحثيه
Saudi Research Science Institute

SUMMER BOOK

2026







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#SRSI2026

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SRSI 2026 in numbers

116

talented high-school students taking part in the program

19

Tutors & TAs from around the world

67

Principal Investigators (PIs)

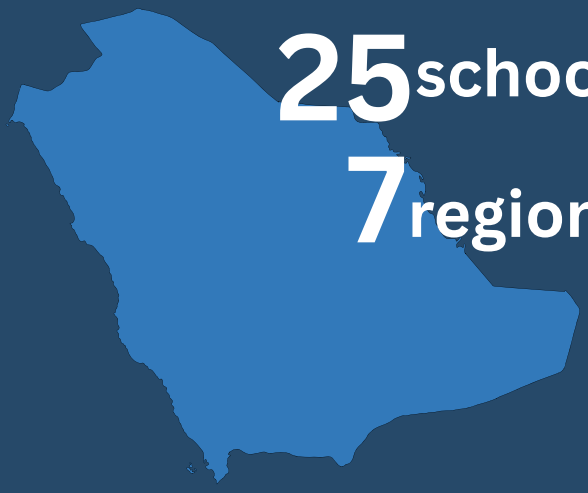
more than 235 hours

spent at tutoring classes & mentoring in labs

students came from

25 schools

7 regions



106

Faculty members mentoring students throughout the program

Extracurricular activities include Shark Tank, Wacky Olympics, College Fair, and so much more.

Introduction to SRSI

The Saudi Research Science Institute (SRSI) hosts an exemplary group of talented high school students from throughout Saudi Arabia at King Abdullah University of Science and Technology (KAUST) for six stimulating and academically challenging weeks during the summer.

SRSI is the first science, technology, engineering, and mathematics summer program for high school students in Saudi Arabia to combine theoretical coursework and research. Students work under the guidance of world renowned mentors who are scientist, engineers, and mathematicians, to conduct university-level research in state-of-the-art laboratories.

SRSI students quickly become a part of the KAUST community, and participate in activites that combine theory courses, hand-on research, and extracurricular events to encourage greater teamwork and leadership.

SRSI inspires and empowers the next generation of researchers and scientists in the Kingdom of Saudi Arabia.

INTRODUCTION MESSAGE



Dr. Sultan Albarakati

Associate Vice President of King Abdullah University of Science and Technology, Saudi Talent Development

Scientific progress begins with curiosity and grows through opportunity, mentorship, and the courage to explore. At KAUST, inspiring young people to pursue science is one of the most meaningful investments we can make in the future of Saudi Arabia and the world.

Now celebrating its 15th year, the Saudi Research Science Institute reflects KAUST's enduring commitment to developing exceptional young talent. Through authentic research experiences and guidance from world-class faculty members, researchers, and mentors, students are encouraged to ask meaningful questions, challenge assumptions, persevere through uncertainty, and see themselves as future contributors to scientific discovery.

We congratulate our students on their achievements and thank their families, mentors, supervisors, and the wider KAUST community for their dedication and support.

As you explore the SRSI student projects for 2026, we hope you will see not only a record of research and accomplishments, but the beginnings of scientific journeys that may one day lead to discoveries and innovations benefiting the Kingdom and the world.

At KAUST, we are proud to help those journeys begin.

INTRODUCTION MESSAGE



Mr. Tarek Shehata

Manager, Pre-University Programs

The Saudi Research Science Institute (SRSI) is more than a summer research program it is an opportunity for talented students to experience the excitement of scientific discovery and to develop the mindset of future researchers.

Over six intensive weeks, 116 outstanding students worked alongside KAUST faculty members, Principal Investigators, mentors, and researchers across 59 research laboratories, completing 116 research projects while gaining invaluable experience in scientific inquiry, critical thinking, and collaboration.

What impressed me most was not only the quality of the research, but also the students' curiosity, resilience, and determination. They embraced challenges, learned from every experience, and demonstrated a genuine passion for discovery. Even more remarkably, they achieved all of this during their summer vacation, reflecting an exceptional level of commitment and responsibility.

This remarkable journey would not have been possible without the dedication of our faculty members, researchers, Principal Investigators, mentors, tutors, supervisors, and support staff. My sincere appreciation also goes to the families of our students for their trust and continuous encouragement.

As you explore this yearbook, I hope you will see more than research projects and laboratory experiences. I hope you will see the beginning of scientific journeys that will one day contribute to advancing science, innovation, and the future of Saudi Arabia.

Congratulations to our 116 young researchers on this outstanding achievement. We look forward to welcoming many of you back to KAUST as future researchers, graduate students, faculty members, and scientific leaders.

Tarek Salama
Manager, Pre-University Programs
KAUST Academy

INTRODUCTION MESSAGE



Dr. Venu Kas

Academic Development Specialist

Dear SRSI 2026 Students,

Congratulations on completing SRSI. In six weeks, you demonstrated extraordinary commitment, experienced scientific research, confronted difficult questions, adapted to unexpected findings, and transformed your ideas into research projects and scientific posters. Scientific discovery is rarely a straight path. It demands curiosity, resilience, critical thinking, and confidence to learn from uncertainty. Your accomplishments are a source of pride for SRSI, KAUST, your mentors, and families, while inspiring younger students to pursue scientific research.

You have been given a rare opportunity. Few young people have the privilege of spending a summer at KAUST. Recognize this privilege, and let it cultivate gratitude, humility, responsibility, and a desire to give back.

Your research project may have concluded, but your relationship with SRSI and KAUST does not have to end here. Stay connected with your mentors, continue the conversations you began, seek opportunities to collaborate, return to KAUST for future study, and contribute your knowledge to the Kingdom and the wider world. The true value of SRSI will be measured by the questions you continue to ask, the integrity with which you conduct your work, and the people who ultimately benefit from what you create.

Having witnessed SRSI grow since 2013, I remain grateful to our faculty, research teams, mentors, tutors, TAs, ExCors, and support staff whose dedication made this experience possible. I look forward to seeing you return to KAUST as researchers and leaders.

ENRICHMENT ACTIVITIES



Eng. Abdullah Alrakhis

Chairman of the National Development Program



Dr. Daniyal Alghazzawi

Head of the Information Security Research Group



RAYYANAH BARNAWI

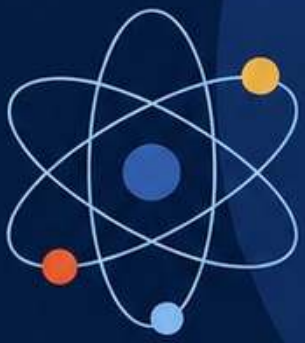
Astronaut & General Supervisor on Microgravity Research



Dr. Khloud Alghati

Multi-Discipline Executive

SRSI SUMMER STAFF







INTRODUCTION MESSAGE



Noor Alaithan

Excor Lead

Being the ExCor Lead for SRSI, STEPs, and HSSP at KAUST gave me memories I'll cherish forever.
Some of my favourite memories came from the moments in between. Spending time in the ExCor room preparing activities, solving last-minute problems, and sharing countless laughs with the team.
The trips to IMC were some of the moments I'll never forget. Whether it was making sure a student was okay, waiting with them, or checking in on them afterward, those moments reminded me that our role was about more than organizing a program it was about being there for people when they needed someone.
It's funny how the things that once felt like everyday responsibilities like attendance checks, curfew rounds, and the unexpected challenges have become some of the memories I treasure most. This experience at KAUST gave me so much more than leadership skills it gave me lifelong friendships, a second family, and memories I'll carry with me wherever I go. Looking back, volunteering my summer at KAUST was one of the best decisions I've ever made.



Emad Babsail

Program Coordinator

My time at KAUST Academy has been nothing short of a journey filled with diverse and meaningful experiences. Each one has helped me grow holistically, whether through public speaking, working with students and staff, or navigating logistical challenges. Every experience has left a lasting impact on my personal and professional development.

As a Program Coordinator and volunteer, I have had the opportunity to give back to a community dedicated to empowering the next generation. Throughout STEPs, SRSI, HSSP, and other KAUST Academy Pre-University programs, I was fortunate to contribute to an experience that reached more than 1,000 students. From supporting staff throughout the programs, from interviews to the Closing Ceremony, to organizing and welcoming distinguished guest speakers and ensuring their sessions with students ran smoothly, volunteering at KAUST Academy gave me the opportunity to contribute my time, skills, and energy to something meaningful.

Beyond the responsibilities themselves, volunteering allowed me to meet and work alongside a diverse group of ambitious, talented, and like-minded individuals. It reminded me that giving your time to support others can be just as rewarding as what you gain from the experience yourself. I am truly grateful for the opportunity to have spent my summer at KAUST Academy, and I would encourage anyone who has the chance to volunteer here to take it.

SRSI 2026 STAFF



VENU KAS

POSITION

Academic Development Specialist

BIRTHDAY

11/4

HOMETOWN

Charleston, South Carolina

COLLEGE

North Dakota State University, Fargo, USA

AREA OF STUDY

Biochemistry

DESIRED SUPERPOWER

Enhanced senses with heightened perception and sensory exploration

HOBBIES & INTERESTS

Learning to cook

FAVORITE MEMORY OF THE PROGRAM

Seeing all the smiling faces of our team!

Quote

"Keep calm and question everything!"



ANGELICA CORONADO

POSITION

Tutor Lead

BIRTHDAY

5/23

HOMETOWN

Sonora, Mexico

COLLEGE

Universidad La Salle

AREA OF STUDY

Robotics & 3D Printing

DESIRED SUPERPOWER

Time manipulation

HOBBIES & INTERESTS

Traveling & Dancing

FAVORITE MEMORY OF THE PROGRAM

Going around tutoring rooms

Quote

"Subject to change"

SRSI 2026 STAFF



SUHAIB ALGHAMDI

POSITION

Program Administrator

BIRTHDAY

4/9

HOMETOWN

Jeddah

COLLEGE

King Abdulaziz University

AREA OF STUDY

Computer Science

DESIRED SUPERPOWER

A vacation

HOBBIES & INTERESTS

Analyzing useless data and scraping the web

FAVORITE MEMORY OF THE PROGRAM

Seeing the students settle into the programs

Quote

"Savor the little moments, son, that's my advice. They're what life is. All the little things that happen while you're waiting for something else".



BILAL SARICIMEN

POSITION

Program Administrator

BIRTHDAY

5/3

HOMETOWN

Riyadh/Istanbul

COLLEGE

Al Yamamah University

AREA OF STUDY

Marketing, College of Business

SOCIAL MEDIA

Bilal.Saricimen

DESIRED SUPERPOWER

Have unlimited knowledge.

HOBBIES & INTERESTS

Gaming & Fashion

Quote

"Curiosity got me here, let's see where it takes me next."

SRSI 2026 STAFF



LANA AQQAD

POSITION

Supervisor/Media Creator

BIRTHDAY

11/20

HOMETOWN

Jeddah

COLLEGE

University of Jeddah

AREA OF STUDY

Law

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Traveling

FAVORITE MEMORY OF THE PROGRAM

Lab Tours

Quote

"Can I redo my photo?"



ARAM ALSUBHI

POSITION

Program Coordinator

BIRTHDAY

7/26

HOMETOWN

Thuwal

COLLEGE

King Abdulaziz University

DESIRED SUPERPOWER

The ability to learn anything instantly.

HOBBIES & INTERESTS

Traveling, exploring new places, and Art

FAVORITE MEMORY OF THE PROGRAM

Learning new skills while having fun with my team.

Quote

"Dream big, work hard, and stay curious."

SRSI 2026 STAFF



YARA ALAMMARI

POSITION

Supervisor

BIRTHDAY

12/10

HOMETOWN

Riyadh

COLLEGE

Penn State University

AREA OF STUDY

Media Studies

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Traveling

Quote

"Air Hockey?"



HALA ALZAMIL

POSITION

Supervisor

BIRTHDAY

12/15

HOMETOWN

Riyadh

AREA OF STUDY

Business Administration

DESIRED SUPERPOWER

Flying

FAVORITE MEMORY OF THE PROGRAM

Inside Jokes

Quote

"I came for the memories "

SRSI 2026 STAFF



NOOR ALAITHAN

POSITION

Excor Lead

BIRTHDAY

11/10

HOMETOWN

AlAhsaa

COLLEGE

UCL

AREA OF STUDY

Chemical Engineering

DESIRED SUPERPOWER

Telekinesis

HOBBIES & INTERESTS

Drawing, Playing Piano, Editing

FAVORITE MEMORY OF THE PROGRAM

Where the best memories are made: the ExCor room

Quote

"ترا بصيحك "



REEMAS KHALID

POSITION

Supervisor

BIRTHDAY

7/14

HOMETOWN

Jeddah

AREA OF STUDY

Computer Science

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Chess and exploring diverse topics

FAVORITE MEMORY OF THE PROGRAM

Meeting the students at the airport on arrival day.

Quote

"The biggest risk is not taking any risk".

SRSI 2026 STAFF



GHEZAIL ALHARTHI

POSITION

Supervisor

BIRTHDAY

2/14

HOMETOWN

Jeddah

COLLEGE

KAU

AREA OF STUDY

Mathematics & Student Guidance and Counseling

DESIRED SUPERPOWER

The ability to inspire and empower others to reach their full potential.

HOBBIES & INTERESTS

Gifted student mentoring, traveling, hiking, and continuous learning.

FAVORITE MEMORY OF THE PROGRAM

Building meaningful connections with students

Quote

"Success is not about being the best; it's about becoming better every day."



SAMIAYH KALFELLAH

POSITION

Supervisor

BIRTHDAY

2/2

HOMETOWN

Jeddah

COLLEGE

UQU

AREA OF STUDY

English

DESIRED SUPERPOWER

Bravery

HOBBIES & INTERESTS

Reading

FAVORITE MEMORY OF THE PROGRAM

Shark Tank

Quote

"كل شي يحدث في وقته المناسب"

SRSI 2026 STAFF



EMAD BABSAIL

POSITION

Program Coordinator

BIRTHDAY

8/1

HOMETOWN

Riyadh/Makkah/London

COLLEGE

University College London

AREA OF STUDY

Chemical Engineering with Intelligent Systems

SOCIAL MEDIA

@emadbabsail

DESIRED SUPERPOWER

Photographic Memory

HOBBIES & INTERESTS

Gaming/Animals/Cars/Gym/Cycling/Sports

FAVORITE MEMORY OF THE PROGRAM

The welcome I received on my first day.

Quote

"(وَهُوَ مَعَكُمْ أَيْنَ مَا كُنتُمْ ۚ وَاللَّهُ بِمَا تَعْمَلُونَ بَصِيرٌ)"



SAM VICTOR

POSITION

Technical Support

BIRTHDAY

8/18

HOMETOWN

Coimbatore

COLLEGE

Sri Eshwar College of Engineering

AREA OF STUDY

Computer Science and Engineering

DESIRED SUPERPOWER

To understand every language: human, biological, and mathematical.

HOBBIES & INTERESTS

Aviation, Technology, Computational Biology, Manga

FAVORITE MEMORY OF THE PROGRAM

Being asked whether my app could do something and getting to reply, "Oh, it already does that."

Quote

"The universe is just a collection of systems waiting to be understood."

SRSI 2026 STAFF



DALAL BIMA

POSITION

Program Administrator

BIRTHDAY

3/26

HOMETOWN

Jeddah

COLLEGE

Rose-Hulman Institute of Technology and University of Wyoming

AREA OF STUDY

Physics and English Literature

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Reading, traveling, sewing, and trying new things.

Quote

in Mary Ann's voice "esh aaaadaa"



LAYANA GHRYANI

POSITION

Supervisor

BIRTHDAY

2/13

HOMETOWN

Jeddah

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Football/Forumla1/Gym

SOCIAL MEDIA

@layana0gh

FAVORITE MEMORY OF THE PROGRAM

All the days spent in the Excor Room

Quote

"It's not that deep"

SRSI 2026 STAFF



HANI ALAHMADI

POSITION

Supervisor

BIRTHDAY

8/24

HOMETOWN

Jeddah

COLLEGE

Teachers College

AREA OF STUDY

Science - Talent and Excellence

DESIRED SUPERPOWER

Supervising student programs

HOBBIES & INTERESTS

Following up on the latest researches and I love the sea.

FAVORITE MEMORY OF THE PROGRAM

Seeing my sons and daughters taking confident steps towards achieving their ambitions and hopes



SALEM ALJEHANI

POSITION

Supervisor

BIRTHDAY

2/2

HOMETOWN

Yanbu

COLLEGE

Taibah University

HOBBIES & INTERESTS

Reading Books

FAVORITE MEMORY OF THE PROGRAM

التعاون

SRSI 2026 TUTORS



REEM ALGHAMDI

POSITION

Tutor

BIRTHDAY

6/26

HOMETOWN

Riyadh

COLLEGE

KAUST

AREA OF STUDY

Computer Science

DESIRED SUPERPOWER

The ability to explore space

HOBBIES & INTERESTS

Language learning, Anime/manga, puzzles, crochet

FAVORITE MEMORY OF THE PROGRAM

The students and their contagious enthusiasm :)



HIND ALMOHMADI

POSITION

Tutor

BIRTHDAY

1/1

HOMETOWN

Madinah

COLLEGE

Taibah University

AREA OF STUDY

Chemistry

DESIRED SUPERPOWER

Time travel

HOBBIES & INTERESTS

Hobbies: Solving jigsaw puzzles/cooking

Interests: Nature, animals, and environmental conversation.

Quotes

"Dreams are achieved through patience, discipline, and learning from those who

SRSI 2026 TUTORS



DANAH ALTASSAN

POSITION

Tutor

BIRTHDAY

2/3

HOMETOWN

Riyadh

COLLEGE

Pennsylvania State University

AREA OF STUDY

Molecular and Cellular Biology

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Reading, fashion, running, and working out

FAVORITE MEMORY OF THE PROGRAM

Trivia night

Quote

"Life is too short to fret the past, focus on the present, embrace every moment and look good doing it."



MOHAMMED BADER

POSITION

TUTOR

BIRTHDAY

10/10

HOMETOWN

Jeddah

COLLEGE

KAUST

AREA OF STUDY

Environmental Science and Engineering

DESIRED SUPERPOWER

Time Travel

HOBBIES & INTERESTS

Rock Climbing & Traveling

FAVORITE MEMORY OF THE PROGRAM

Tutoring activities with the students

Quotes

"The best scholars never stop asking questions."

SRSI 2026 TUTORS



SAFWAN NABEEL

POSITION

TA

BIRTHDAY

4/3

HOMETOWN

Dammam

COLLEGE

Imam Abdulrahman bin Faisal University

AREA OF STUDY

Computer Science

DESIRED SUPERPOWER

Change weather based on mood.

HOBBIES & INTERESTS

F1, Frisbee, Dostoevsky

FAVORITE MEMORY OF THE PROGRAM

I could finally tell the students phrases like "When I was your age..."

Quotes

“Don’t compare your chapter 1 to someone else's chapter 20”



GHAIDA ALSHEHRI

POSITION

Teaching Assistant \Tutor

BIRTHDAY

9/13

HOMETOWN

Abha

AREA OF STUDY

Computer Science & Artificial Intelligence

SOCIAL MEDIA

@GhaidaSaad77

DESIRED SUPERPOWER

Chronokinesis: never late, always first.

HOBBIES & INTERESTS

Exploring new ideas, and finding inspiration in unexpected places.

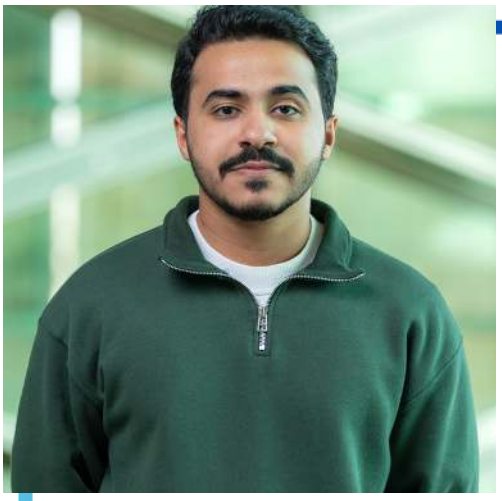
FAVORITE MEMORY OF THE PROGRAM

Meeting the students on the first day and seeing their excitement and curiosity to learn.

Quote

Break it. Learn from it. Build it better.

SRSI 2026 TUTORS



AHMED BAHAJ

POSITION

TA

BIRTHDAY

10/12

HOMETOWN

Jeddah

COLLEGE

University of Jeddah

AREA OF STUDY

Computer Science

SOCIAL MEDIA

X: @ahmedbahaj_

DESIRED SUPERPOWER

Infinite Knowledge

HOBBIES & INTERESTS

Airplanes & Spacecrafts

FAVORITE MEMORY OF THE PROGRAM

Playing mafia with the students

Quote

'I helped a man climb a mountain, only to realize that I too had reached the top'



HAMZA ALKAF

POSITION

TA

BIRTHDAY

8/17

HOMETOWN

Medina

COLLEGE

University of Prince Mugrin

AREA OF STUDY

AI

DESIRED SUPERPOWER

Being able to clone myself

HOBBIES & INTERESTS

Watching anime

FAVORITE MEMORY OF THE PROGRAM

When I first met the ExCors

Quote

"Sometime we focus on making a living, that we forget to make a life"

SRSI 2026 TUTORS



ABDULAZIZ ALOMAIR

POSITION

Teaching Assistant

BIRTHDAY

8/6

HOMETOWN

Dammam

COLLEGE

King Fahd University of Petroleum and Minerals

AREA OF STUDY

Computer Engineering

SOCIAL MEDIA

@atalomair

DESIRED SUPERPOWER

Morphing

HOBBIES & INTERESTS

Niche music & Fragrances

FAVORITE MEMORY OF THE PROGRAM

The WC final lowkey

Quote

"The early worm stomps the bird or whatever"

Would you like an enthusiastic version?



RAYA ABU ALJAMAL

POSITION

Teaching Assistant

BIRTHDAY

10/2

HOMETOWN

Makkah

COLLEGE

University of Jeddah

AREA OF STUDY

Artificial Intelligence

DESIRED SUPERPOWER

Zero training time

HOBBIES & INTERESTS

Boxer/ Amateur Baker

FAVORITE MEMORY OF THE PROGRAM

Seeing the happy faces when we excuse the students early.

QUOTE

"May god fix the status" -HtheKaf

SRSI 2026 TUTORS



YAZEED ALROOGI

POSITION

Tutor

BIRTHDAY

5/15

HOMETOWN

Jeddah

COLLEGE

Northwestern/KAUST

AREA OF STUDY

Bioengineering

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Movies & Music

FAVORITE MEMORY OF THE PROGRAM

First week ice breakers

Quote

"I make the rules"



SATTAM ALTUUAIM

POSITION

Teaching Assistant

BIRTHDAY

5/23

HOMETOWN

Jeddah

COLLEGE

University of Jeddah

AREA OF STUDY

Artificial Intelligence

DESIRED SUPERPOWER

Infinite GPUs

SOCIAL MEDIA

@SattamAltwaim

HOBBIES & INTERESTS

Listening to music

FAVORITE MEMORY OF THE PROGRAM

That one night in the Instructors Room

Quote

"Only cover a judge by its book."

SRSI 2026 TUTORS



MOHAMMED BALKHAIR

POSITION

TA

BIRTHDAY

4/29

HOMETOWN

Jeddah

COLLEGE

KAUST, CEMSE

AREA OF STUDY

Computer Science

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

I love trying out new chocolate and sweet recipes, casual running, and exploring new music.

FAVORITE MEMORY OF THE PROGRAM

The fun activities.

Quote

"No problem can be solved from the same level of consciousness that created it".



GHADEER HASANIN

POSITION

Tutor

BIRTHDAY

4/1

HOMETOWN

Jeddah

COLLEGE

KAUST

AREA OF STUDY

BIOSCIENCE

DESIRED SUPERPOWER

Whatever I say happens

HOBBIES & INTERESTS

Crocheting/Swimming

FAVORITE MEMORY OF THE PROGRAM

When a student said "Thank you miss I learned alot"

Quote

"life is absurd" albert camus

SRSI 2026 TUTORS



ANIL REDDY PININTI

POSITION

Tutor

BIRTHDAY

7/11

HOMETOWN

Hyderabad

COLLEGE

KAUST

AREA OF STUDY

Material Science

DESIRED SUPERPOWER

AI

HOBBIES & INTERESTS

Playing tennis and other sports

FAVORITE MEMORY OF THE PROGRAM

Seeing the passion of the young minds on day 1

Quote

"Just do it"



RAWAN ALGHAMDI

POSITION

Tutor

HOMETOWN

Yanbu

COLLEGE

KAUST

AREA OF STUDY

Electrical and Computer Engineering (wireless communication)

DESIRED SUPERPOWER

Time freeze

HOBBIES & INTERESTS

Jigsaw puzzles/Cooking

FAVORITE MEMORY OF THE PROGRAM

When my students and I are criticizing old presentation slides (including my master's thesis slides).

Quote

"Always do better than necessary"

SRSI 2026 TUTORS



SALMAN GHORI

POSITION

Tutor

BIRTHDAY

11/9

HOMETOWN

Thuwal

COLLEGE

KAUST

AREA OF STUDY

PhD ECE

DESIRED SUPERPOWER

Dr Strange

HOBBIES & INTERESTS

Coding/Basketball

FAVORITE MEMORY OF THE PROGRAM

Interaction with students

QUOTE

“Search, try, search, there is always an answer”



IOANNIS ISAIOGLOU

POSITION

Tutor

BIRTHDAY

3/8

HOMETOWN

Athens, Greece

COLLEGE

NKUA/KAUST

AREA OF STUDY

Biology

DESIRED SUPERPOWER

Mind reading

HOBBIES & INTERESTS

Basketball

FAVORITE MEMORY OF THE PROGRAM

My students listening to me

QUOTE

"Finish your introduction, please"

SRSI 2026 EXCORs



ASEEL ALADWANI

POSITION

EXCOR

BIRTHDAY

1/25

HOMETOWN

Jeddah

COLLEGE

King's College London

AREA OF STUDY

Electronic Engineering

SOCIAL MEDIA

@AseelAladwani

DESIRED SUPERPOWER

Teleportation

HOBBIES & INTERESTS

Swimming/tennis/reading research papers

FAVORITE MEMORY OF THE PROGRAM

Late-night golf cart run for Ben & Jerry's.

QUOTE

"People keep talking about 'the train'.

"يا عمي، خلي القطار يعدي... ويصدمني كمان



REMAS ALJIFRI

POSITION

EXCOR

BIRTHDAY

3/15

HOMETOWN

Jeddah

COLLEGE

King's College London

AREA OF STUDY

Computer Science with Management

SOCIAL MEDIA

@RemasAlJifri

DESIRED SUPERPOWER

Ability to speak all languages

HOBBIES & INTERESTS

Snorkeling, sports, and baking

FAVORITE MEMORY OF THE PROGRAM

Volleyball after Wacky Olympics

QUOTE

"Exit your comfort zone! The best experiences are usually just outside of it."

SRSI 2026 EXCORs



FUAD BAJUNAID

POSITION

EXCOR

BIRTHDAY

9/27

HOMETOWN

Jeddah

COLLEGE

KSAU

AREA OF STUDY

Medicine

DESIRED SUPERPOWER

Being Harvey Specter

HOBBIES & INTERESTS

Powerlifting

FAVORITE MEMORY OF THE PROGRAM

The IMC

QUOTE

"البارد التمام"



ABDULLAH HALWANI

POSITION

EXCOR

BIRTHDAY

6/27

HOMETOWN

Jeddah

COLLEGE

King Abdulaziz University

AREA OF STUDY

Medicine

SOCIAL MEDIA

@bettercall3boody

DESIRED SUPERPOWER

Mike Ross in season 9

HOBBIES & INTERESTS

Tennis/Rocket League

FAVORITE MEMORY OF THE PROGRAM

IMC visits

QUOTE

"شيكلك سهمك التمام"

SRSI 2026 EXCORs



RZAN ALMULHEM

POSITION

EXCOR

BIRTHDAY

3/3

HOMETOWN

Al-hasa

COLLEGE

University of Reading

AREA OF STUDY

Architectural engineering

DESIRED SUPERPOWER

Invisibility

HOBBIES & INTERESTS

Swimming/Badminton/Running

FAVORITE MEMORY OF THE PROGRAM

Baskin Robbins during the World Cup

QUOTE

"What meeting? I came for the vibe"

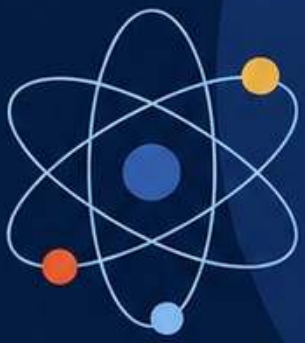
SRSI 2026

Group Photo





SRSI 2026
STUDENTS







STUDENTS



ABDULELAH MANDORAH

BIRTHDAY
5/9
HOMETOWN
Makkah
EXCOR
Fuad Bajunaid
SOCIAL MEDIA
@M27.x_
DREAM UNIVERSITY
MIT
DREAM JOB
F1 Engineer

DESIRED SUPERPOWER
Telekinesis
FAVORITE MEMORY OF THE PROGRAM
Spain VS Argentina :)
TITLE OF SRSI PROJECT
Investigating Dataset Bias and Cross-Population Transferability in AI–Based Sickle Cell Erythrocyte Classification
TUTOR
Ahmed Bahaj

"Believe in believe"



ABDULLAH REDA

BIRTHDAY
4/20
HOMETOWN
Riyadh
EXCOR
Fuad Bajunaid
SOCIAL MEDIA
@OGdaz97
DREAM JOB
Streamer

DESIRED SUPERPOWER
Teleportation
FAVORITE MEMORY OF THE PROGRAM
WC Final
TITLE OF SRSI PROJECT
Medical image analysis for disease detection.
TUTOR
Abdulaziz Alomair

"As long as I'm alive I have infinite chances"

STUDENTS



ABDULLAH ALOMARI

BIRTHDAY
7/2

HOMETOWN
Al Baha

SOCIAL MEDIA
@abdullah_alomar9

DREAM UNIVERSITY
JHU

DREAM JOB
Surgeon

DESIRED SUPERPOWER
Time Travel

FAVORITE MEMORY OF THE PROGRAM
First Day in the Lab

TITLE OF SRSI PROJECT
Layer-Specific Distribution of Inhibitory Interneuron Subtypes in the Primary Visual Cortex of a Fragile X Syndrome Mouse Model.

MENTOR
Dr. Ioannis Isaioglou

"Carpe Diem"



ABDULLAH BAESSA

BIRTHDAY
8/23

HOMETOWN
Jeddah

SOCIAL MEDIA
@baessa_7

DREAM UNIVERSITY
UofT

DREAM JOB
Computer vision / ML engineer at a tracking company

DESIRED SUPERPOWER
Teleporting

FAVORITE MEMORY OF THE PROGRAM
Playing Football

TITLE OF SRSI PROJECT
EEG+fNIRS Brain Signals for Generative AI

MENTOR
Kilichbek Haydarov

TUTOR
Reem Alghamdi

"You have to be odd to be number 1"

STUDENTS



ABDULRAHMAN AL-ANSARI

BIRTHDAY
9/24

HOMETOWN
Dhahran

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
a_alansari929

DREAM UNIVERSITY
Asala University

DREAM JOB
Dermatologist

DESIRED SUPERPOWER
1600 SAT

FAVORITE MEMORY OF THE PROGRAM
World cup Egypt vs Argentina

TITLE OF SRSI PROJECT
Analysis of Voidage Profiles and Bed Expansion in Forced-Oscillatory Fluidized-Bed CPFD Simulations

MENTOR
Momen Hassan, Daffer Al-Yami

TUTOR
Hind Almohmadi

"top 10"



ABDULRAHMAN ZAMIM

BIRTHDAY
5/7

HOMETOWN
Gizan

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
KAU

DREAM JOB
Neurosurgeon

DESIRED SUPERPOWER
Superhuman intelligence

TITLE OF SRSI PROJECT
Integration of Strigolactones and Nitrogen producing chemicals for Striga germination inhibition.

MENTOR
Dr. Arshad Jalal

TUTOR
Dr. Ioannis Isaioglou

STUDENTS



ADAM ALJUBRAN

BIRTHDAY
02/23

HOMETOWN
Al Ahsa

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@Adam_Aljubran

DREAM JOB
Engineer

DESIRED SUPERPOWER
Flying

FAVORITE MEMORY OF THE PROGRAM
Football

TITLE OF SRSI PROJECT
Using AI to predict cancer

TUTOR
Hamza Alkaf

"Everyday there is a new journey "



ADHWA KADASAH

BIRTHDAY
1/11

HOMETOWN
Riyadh

EXCOR
Remas Aljifri

DREAM UNIVERSITY
Columbia University

DREAM JOB
Plastic Surgeon

DESIRED SUPERPOWER
Miraculous Ladybug

FAVORITE MEMORY OF THE PROGRAM
Stargazing at the beach

TITLE OF SRSI PROJECT
Purification and inhibition of human cytomegalovirus helicase-primase complex.

MENTOR
Ammar

TUTOR
Ioannis Isaioglou

"The world is a stage that we're all on, be a star."

STUDENTS



AHMED ALSHAIKH

BIRTHDAY
10/31

HOMETOWN
Khobar

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@ahmed.mp12

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Entrepreneur

DESIRED SUPERPOWER
Time manipulation

FAVORITE MEMORY OF THE PROGRAM
World Cup Final

TITLE OF SRSI PROJECT
McLaren Polymer

MENTOR
Amr Elsakran

TUTOR
Anil Pininti

"If you believe in God, one thing's for sure: If you ain't aim too high, then you aim too low." - Jermaine Cole



AHMED ALSHALABI

BIRTHDAY
3/1

HOMETOWN
Homs

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
UBT

DREAM JOB
Barber

DESIRED SUPERPOWER
IRL Background Music

FAVORITE MEMORY OF THE PROGRAM
World Cup Final

TITLE OF SRSI PROJECT
Photocatalytic production of ammonia from wastewater using Metal-Organic Frameworks MOFs.

MENTOR
Dr. Aliyah Fakim

TUTOR
Salman Ghori

"They stand behind us, we'll protect them. They stand beside us, we'll respect them. They stand against us, we'll show no mercy."

STUDENTS



AHMED ALMULLA

BIRTHDAY
4/5

HOMETOWN
Safwa

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@a_almulla5224

DREAM UNIVERSITY
UCL

DREAM JOB
Dermatologist

DESIRED SUPERPOWER
Tori Tori no Mi, Model: Phoenix

FAVORITE MEMORY OF THE PROGRAM
Pipeting All Day

TITLE OF SRSI PROJECT
Genetic Transformation of Tomatoes for Increased Crop Yields and Pathogen Resistance

MENTOR
Paula Oyarce

TUTOR
Danah Altassan

"Reach for the stars"



AJWAN ALAHMADI

BIRTHDAY
03/30

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@aj.ahmd1

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Engineer

DESIRED SUPERPOWER
Controlling time

FAVORITE MEMORY OF THE PROGRAM
Finishing Tasks at Starbucks

TITLE OF SRSI PROJECT
Design and Optimization of Additively Manufacturable TPMS Heat Exchangers for Enhanced Electronics Cooling

MENTOR
Dr. Wagner Barth Lenz

TUTOR
Mohammed Bader

"Cuz why not?"

STUDENTS



ALI ALHUSSAIN

BIRTHDAY
11/3

HOMETOWN
Dammam

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
University of Texas at Austin

DREAM JOB
Chemical engineer

DESIRED SUPERPOWER
Time travel

FAVORITE MEMORY OF THE PROGRAM
World Cup Final

TITLE OF SRSI PROJECT
Assessment of Groundwater Flow and Foundation Impacts in the City of Makkah

MENTOR
Fawaz Alboghail and Abdirizak Ali Omar

TUTOR
Salman Ghori

"The future isn't found. It's engineered."



ALJAWHARAH ALAMER

BIRTHDAY
11/7

HOMETOWN
Al Ahsa

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
KFUPM

DREAM JOB
A job that pays well

DESIRED SUPERPOWER
Truth detection

FAVORITE MEMORY OF THE PROGRAM
Watching World Cup final

TITLE OF SRSI PROJECT
Exploring Energy-Efficient Edge AI: Evaluating Quantized Neural Networks and Memristor-Based Neuromorphic Computing

MENTOR
Hanrui Li

TUTOR
Reem Alghamdi

"This was healing"

STUDENTS



ALJOORY AL-TAHA

BIRTHDAY
8/12

HOMETOWN
Al-Ahsa

EXCOR
Remas Aljifri

DREAM UNIVERSITY
Tsinghua University

DREAM JOB
Engineer

DESIRED SUPERPOWER
Time controlling

FAVORITE MEMORY OF THE PROGRAM
Meeting KAUST cats

TITLE OF SRSI PROJECT
Physical and catalytic properties of CsXWO3

MENTOR
Azra Azizi, Marcell Toth

TUTOR
Reem Alghamdi

"Hold the door."



ALMONTHER ALGHAMDI

BIRTHDAY
5/19

HOMETOWN
Albaha

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
MIT

DREAM JOB
Researcher

DESIRED SUPERPOWER
Time Manipulation

FAVORITE MEMORY OF THE PROGRAM
Taha's Party

TITLE OF SRSI PROJECT
Fault-Aware ToF–PBR Fusion for Three-Anchor Bluetooth Channel Sounding Localization

MENTOR
Hasan

TUTOR
Rawan Alghamdi

"No one knows what the future holds. That's why its potential is infinite."

STUDENTS



AMATULLAH RAJI

BIRTHDAY
7/10

HOMETOWN
Brampton

DREAM UNIVERSITY
University of Toronto

DREAM JOB
Chemical Engineer + Forensic Scientist

DESIRED SUPERPOWER
Mind reading

TITLE OF SRSI PROJECT
Emerging Cavitation Based Approaches for Hydrogen Peroxide Production.

MENTOR
Dr.Varaha

TUTOR
Anil Pininti

"Mbappe special (for example nothing)"



AMIN SEJINY

BIRTHDAY
1/22

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
MIT

DREAM JOB
Pirate King

DESIRED SUPERPOWER
Speed Force

FAVORITE MEMORY OF THE PROGRAM
Walking

TITLE OF SRSI PROJECT
Understanding Why Machine-Learning Models Fail on Unseen Chemistry

MENTOR
Prof. Kangming Li

TUTOR
Yazeed Alroogi

"The future is built by those who keep asking questions."

-Dr. Vegapunk

STUDENTS



AMMAR ALOTAIBI

BIRTHDAY
8/1

HOMETOWN
Jeddah

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@amr_atb1

DREAM UNIVERSITY
Stanford University

DREAM JOB
Entrepreneur

DESIRED SUPERPOWER
Spider Powers

FAVORITE MEMORY OF THE PROGRAM
Eating Kabsa and celebrating Taha's achievement

TITLE OF SRSI PROJECT
Camera-Free Human Sensing with WiFi: Presence and Breathing Detection on ESP32

MENTOR
Salah Abduljabar

TUTOR
Rawan Alghamdi

"Feeling lost is part of the journey, but don't let that feeling stop you from pursuing what you love."



ANAN ALSAEGH

BIRTHDAY
9/30

HOMETOWN
Makkah

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@art_with_anan

DREAM UNIVERSITY
NTU Singapore

DREAM JOB
Aramco F1 Engineer

DESIRED SUPERPOWER
Time travel

FAVORITE MEMORY OF THE PROGRAM
Bowling and football with friends

TITLE OF SRSI PROJECT
List-Wise Frame Selection for Egocentric Procedural Video QA

MENTOR
Tanveer Hussain

TUTOR
Sattam Altuuaim

"Six weeks of hot weather, cool people, and one unforgettable summer."

STUDENTS



ASEEL BAWAYAN

BIRTHDAY
12/15

HOMETOWN
Makkah

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@a29eel

DREAM UNIVERSITY
University of Pennsylvania

DREAM JOB
Consultant & Financial Engineer

DESIRED SUPERPOWER
To influence

FAVORITE MEMORY OF THE PROGRAM
Resetting all my warnings

TITLE OF SRSI PROJECT
DO ZERO SHOT EMBEDDINGS TRACK YOUNG VS OLD/GERIATRIC REGENERATION DIFFERENCES ACROSS INJURY TIMEPOINTS BETTER THAN A SIMPLE BASELINE (PCA ON HVGs)

MENTOR
Laura Sudupe

TUTOR
Dr.Rawan Alghamdi

"Larp it till you make it"



DANA ALSHURAFA

BIRTHDAY
2/24

HOMETOWN
Qatif

EXCOR
Rzan

SOCIAL MEDIA
@danaalshurafa

DREAM UNIVERSITY
MIT

DREAM JOB
Freelancer

DESIRED SUPERPOWER
Travel different universes

FAVORITE MEMORY OF THE PROGRAM
Walking around the campus with sonic

TITLE OF SRSI PROJECT
Understanding the effects of different metal core in copper nano-clusters for CO2 electrocatalysis

MENTOR
Renqian Zhou and Bodiuzzaman Mohammad

TUTOR
Anil Pininti

"كُلّ متوقعٍ آتٍ، فتوقّع ما تتمنّى"

STUDENTS



DANAH ALSAAD

BIRTHDAY
5/1

HOMETOWN
Alhasa

EXCOR
Rzan

DREAM JOB
Pilot

DESIRED SUPERPOWER
Infinite stamina

FAVORITE MEMORY OF THE PROGRAM
World Cup

TITLE OF SRSI PROJECT
Characterization of NH3/CH4/air flame in a swirl burner

MENTOR
Alzubayr Hassan

TUTOR
Anil pininti

"Just Let it happen "



ELYAS ABU ALOLA

BIRTHDAY
10/1

HOMETOWN
Jeddah

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
KFUPM

DREAM JOB
Mechanical Engineering

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Lab Work

TITLE OF SRSI PROJECT
IR spectroscopy of breath for detecting lung and breast cancer

MENTOR
Mohammad Sy and Farhat

TUTOR
Reem Alghamdi

"بقدر الكد تكتسب المعالي ومن طلب العلا سهر الليالي"

STUDENTS



EMRAN LODI

BIRTHDAY
10/20

HOMETOWN
Jeddah

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Oxford university

DREAM JOB
Head of an AI company

DESIRED SUPERPOWER
Disappearance

FAVORITE MEMORY OF THE PROGRAM
Shark Tank activity

TITLE OF SRSI PROJECT
Vision Language Model (NPC)

MENTOR
Waad Alshehri

TUTOR
Ghaidaa Alshehri

"الحَياة لنْ تُعطيكَ كُلَّ مَا تُحِبْ، بَلِ القَناعَة كَنزٌ لا يُفْنَى."



FAHAD ALHAJJI

BIRTHDAY
11/28

HOMETOWN
Alhasa

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
Princeton

DREAM JOB
Researcher

DESIRED SUPERPOWER
Being able to solve every physics problem

FAVORITE MEMORY OF THE PROGRAM
Watching WC matches with my friends while playing baloot

TITLE OF SRSI PROJECT
Effect of Molecular Planarity on Charge-Transport Properties in Organic Solar-Cell Materials: A Molecular Dynamics Study of DR3 and O-IDTBR

MENTOR
Dr. Rishat

TUTOR
SRSI 109

"لَا غِنَى كَالْعَقْلِ، وَلَا فَقْرَ كَالْجَهْلِ."

STUDENTS



FAISAL ALJABRI

BIRTHDAY
1/19

HOMETOWN
Medina

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@J7v6q

DREAM UNIVERSITY
Cornell

FAVORITE MEMORY OF THE PROGRAM
Meeting YB

TITLE OF SRSI PROJECT
Predicting LLM hallucinations Using Pre-Generation Uncertainty Signals

MENTOR
Jad Mounayer

TUTOR
EMERGING TECH



FAISAL ALRUBAIAN

BIRTHDAY
3/20

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@aaalrubaian

DREAM UNIVERSITY
ASU

DREAM JOB
Food Critic

DESIRED SUPERPOWER
The power to blink twice as fast

FAVORITE MEMORY OF THE PROGRAM
Bulding 5 lab

TITLE OF SRSI PROJECT
Life Cycle and Techno-Economic Assessment of Closed-Loop H2S Splitting

MENTOR
Sarvarkhodzha Nematulloev

TUTOR
Danah Altassan

"ابو علي 👊👊"

STUDENTS



FAISAL ALWASEL

BIRTHDAY
7/14

HOMETOWN
Sdeyr

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
UChicago

DREAM JOB
SRSI excor

DESIRED SUPERPOWER
Time management

FAVORITE MEMORY OF THE PROGRAM
Belgium V Spain

TITLE OF SRSI PROJECT
Functional Characterization of Glutamate Dynamics During Oxygen and Glucose Deprivation in CA1 Hippocampal Neurons

MENTOR
Emmanuel Ambriz

TUTOR
Rawan Alghamdi

"I say let the world go to hell, but I should still have my tea"



FARES ALASERI

BIRTHDAY
2/3

HOMETOWN
Jeddah

SOCIAL MEDIA
@f4resal

DREAM UNIVERSITY
KFUPM

DREAM JOB
Lawyer

DESIRED SUPERPOWER
Reading People's minds

TITLE OF SRSI PROJECT
Pulse Vision: Early Plant Disease and Stress Detection

MENTOR
Salman Khan

TUTOR
Emerging Tech - Abdulaziz alomair

"i would just like to thank chatgpt for getting me here"

STUDENTS



FARES ALNEMER

BIRTHDAY
11/22

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
UCLA

DREAM JOB
Engineer

DESIRED SUPERPOWER
Supersonic screaming

FAVORITE MEMORY OF THE PROGRAM
Induction week

TITLE OF SRSI PROJECT
Prediction of PEM Water Electrolyzer Degradation from EIS Signatures

MENTOR
Dr.Khaiyom Hakimov

TUTOR
Mohamed Bader

"DeBí TiRAR MáS FOToS"



FATEMA ALMOGREN

BIRTHDAY
10/12

HOMETOWN
ALQatif

EXCOR
Remas Aljifri

SOCIAL MEDIA
@FatimaAlmogren

DREAM UNIVERSITY
University of Waterloo

DREAM JOB
Froyo Worker

DESIRED SUPERPOWER
Healing

FAVORITE MEMORY OF THE PROGRAM
Eating lettuce

TITLE OF SRSI PROJECT
Development and Performance Evaluation of a Solar Evaporator for Freshwater Recovery from Desalination Brine

MENTOR
Dr Ahmed Saleque

TUTOR
Ms Ghadeer

"😘😛"

STUDENTS



FATEMAH ALGHAMDI

BIRTHDAY
12/10

HOMETOWN
Jeddah

EXCOR
Rzan

SOCIAL MEDIA
@FattmaMubark

DREAM UNIVERSITY
MIT

DREAM JOB
Aerospace & Mechatronics Engineering

DESIRED SUPERPOWER
Shadow manipulation

FAVORITE MEMORY OF THE PROGRAM
Lab Tours

TITLE OF SRSI PROJECT
A LiDAR-AI Hybrid Approach for Clinical Joint Range of Motion Assessment

MENTOR
Hakim Ghazzai & Najmeddine Dhieb & Soumia Si Youcef

TUTOR
Rawan Alghamdi

"And tell the heart you shall taste goodness; your dream is easy for Him and God is all-powerful"



FATIMA ALZAHRANI

BIRTHDAY
8/16

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@djtzx

DREAM UNIVERSITY
UC Berkley

DREAM JOB
Mechanical Engineer

DESIRED SUPERPOWER
teleportation so i can go out after curfew

FAVORITE MEMORY OF THE PROGRAM
kayak and worldcup matches

TITLE OF SRSI PROJECT
Investigation of ultra high molecular weight polyethylene

MENTOR
Biplab

TUTOR
Anil Pininti

STUDENTS



FATIMA DAMLAKHAN

BIRTHDAY
4/28

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@bonbon_5486

DREAM UNIVERSITY
NYU

DREAM JOB
Sales manager at Roblox

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
World Cup final (wink wink)

TITLE OF SRSI PROJECT
Effect of Preservation Methods of BMC Alginate Beads on Storage and Application

MENTOR
Ahmed Alsaggaf

TUTOR
Ioannis Isaioglou

"Low cortisol maxxing"



FATIMAH ALMARHOUN

BIRTHDAY
5/12

HOMETOWN
Umm Alhamam

EXCOR
Rzan

SOCIAL MEDIA
@olympiadgirl

DREAM UNIVERSITY
MIT

DREAM JOB
Engineer

DESIRED SUPERPOWER
Hypnotism

FAVORITE MEMORY OF THE PROGRAM
Lab Work

MENTOR
Samim Rana

TUTOR
Salman Ghori

"Take it easy "

STUDENTS



FATIMAH ALMALAK

BIRTHDAY
1/12
HOMETOWN
AlQatif
EXCOR
Remas Aljifri
DREAM UNIVERSITY
University of Munich
DREAM JOB
Unemployed

DESIRED SUPERPOWER
Time manipulation
FAVORITE MEMORY OF THE PROGRAM
Eating peaches
TITLE OF SRSI PROJECT
Sulfur-Content Engineering of CuInP2S6 MIM Devices for Tunable Synaptic Computing Performance
MENTOR
Dr. Yinchang Ma
TUTOR
Salman Ghori

"arrano"



FATIMAH ALMUSALAMI

BIRTHDAY
10/2
HOMETOWN
Al-Ahsa
EXCOR
Rzan
DREAM UNIVERSITY
NUS
DREAM JOB
NEOM chemical engineer

DESIRED SUPERPOWER
Backfliping
FAVORITE MEMORY OF THE PROGRAM
Dinner at the beach
TITLE OF SRSI PROJECT
Influence of bio-based cross-linkers on the separation performance and structural stability of zein-based organic solvent nanofiltration membranes
MENTOR
Viktor Toth
TUTOR
Ghadeer Hasanin

"Everything is a 1984 reference "

STUDENTS



GHASSAN AL SHAYEB

BIRTHDAY
10/16

HOMETOWN
Al-Ahsa

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@GhassanAlShayeb

DREAM UNIVERSITY
MIT

DREAM JOB
Minister of Energy

DESIRED SUPERPOWER
Freezing time

FAVORITE MEMORY OF THE PROGRAM
Deck of cards

TITLE OF SRSI PROJECT
Efficient Catalytic Hydrogenation of CO2 to Formic Acid Mediated by a Mn-PN3P Pincer Catalyst

MENTOR
Dr. Suman Dhara

TUTOR
Ms. Ghadeer Hasanin

"Never forget to thank God for the blessings you see, and those you unknowingly missed—for what you disliked may be what was best for you."



GHASSAN KHAN

BIRTHDAY
7/27

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@GkSAN7_

DREAM UNIVERSITY
UCL/UCB

DREAM JOB
Quantitative analyst

DESIRED SUPERPOWER
Telekenesis

FAVORITE MEMORY OF THE PROGRAM
World Cup

TITLE OF SRSI PROJECT
Detecting Mechanical Backlash in 6-DoF Robotic Arms via Monocular Kinematic Optimization

MENTOR
Dr. Waad al Shehri

TUTOR
Emergent technologies (Sattam Altuuaim)

"وعبر الزمان سنمضي معًا"

STUDENTS



HADI AL ZAHER

BIRTHDAY
8/9

HOMETOWN
Al Qatif

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Consultant

DESIRED SUPERPOWER
Flight

FAVORITE MEMORY OF THE PROGRAM
O-603-110

TITLE OF SRSI PROJECT
Climate Resilient and Low-carbon Construction Materials for the Makkah Region

MENTOR
Fawaz Alboghail & Abdirizak Omar

TUTOR
Dr. Salman Ghori

"✌"



HARISH SADHASIVAM

BIRTHDAY
3/7

HOMETOWN
Salem, India

SOCIAL MEDIA
@harish.s77

DREAM UNIVERSITY
Cambridge

DREAM JOB
Aerospace Engineer

DESIRED SUPERPOWER
Invisibility and Time Freeze

FAVORITE MEMORY OF THE PROGRAM
Eating lunch with the guys

TITLE OF SRSI PROJECT
Simulations of Reacting Flows for Labaratory Flames and Internal Combustion Engines

MENTOR
Mohammad Raghib

TUTOR
Salman Ghori

"Sometime in the life, I'm too competitive."

STUDENTS



HASHIM ALAHMADI

BIRTHDAY
8/25

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@Imeneru0

DREAM UNIVERSITY
Berkley

DREAM JOB
Minister

DESIRED SUPERPOWER
Tremor tremor fruit

FAVORITE MEMORY OF THE PROGRAM
Smash bros 2v2's

TITLE OF SRSI PROJECT
Engineering Design and Optimization of a Continuous Ultrasonic Gas–Liquid Reactor

MENTOR
Sylvain michaux

TUTOR
Anil Pininti

"Joy is humanities greatest rebellion"



HISHAM ALSHEHRI

BIRTHDAY
1/3

HOMETOWN
Dammam

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Bisha Technical College

DREAM JOB
President of the United States

DESIRED SUPERPOWER
200 WPM on monkeytype

FAVORITE MEMORY OF THE PROGRAM
YB getting chased by excors

TITLE OF SRSI PROJECT
Predicting Long-Range Mutation Effects with Minimum Vertex Cuts in Protein Contact Networks

TUTOR
Ahmed Bahaj

"Would you do it for your homie?"

STUDENTS



ILIYAS ALALI

BIRTHDAY
5/9

HOMETOWN
Jeddah/KAUST

SOCIAL MEDIA
@a7ob.iliyas

DREAM UNIVERSITY
UBT

DREAM JOB
Bouncer

DESIRED SUPERPOWER
Photographic memory

FAVORITE MEMORY OF THE PROGRAM
Diner

TITLE OF SRSI PROJECT
Recognition drone App

MENTOR
Chung Pao Lau (Felix)

TUTOR
Yazeed Alroogi

"They stand behind us, we'll protect them. They stand beside us, we'll respect them. They stand against us, we'll show no mercy😈🥷"



JOANN ALHEBSHI

BIRTHDAY
2/16

HOMETOWN
Yanbu

EXCOR
Remas Aljifri

DREAM UNIVERSITY
Stanford

DREAM JOB
Nuclear Engineer

DESIRED SUPERPOWER
Shape shifting

FAVORITE MEMORY OF THE PROGRAM
Eating diner French toast

TITLE OF SRSI PROJECT
AI Heat-Transfer Models for Improved Temperature Prediction in Liquid-Metal Reactor Cooling Channels

MENTOR
Elias Al Ghazal

TUTOR
Ghaida alshehri (emerging technology)

"Pain is inevitable, misery's a choice "

STUDENTS



JOOUD SINDI

BIRTHDAY
5/13

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@JooudSindi

DREAM UNIVERSITY
Stanford

DREAM JOB
Consultant at McKinsey

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Turtles lecture!

TITLE OF SRSI PROJECT
CO2 reduction and production of methanol using bimetallic catalyst.

MENTOR
Mr. Abdulrahman Allangawi

TUTOR
Dr. Mohammed Bader

"I'm in love with my future, can't wait to meet her"



JOURI BASUDAN

BIRTHDAY
2/23

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

DREAM UNIVERSITY
Stanford

DREAM JOB
Food critic

DESIRED SUPERPOWER
Mind Control

FAVORITE MEMORY OF THE PROGRAM
Staying up watching games

TITLE OF SRSI PROJECT
Security for Autonomous Systems

TUTOR
Safwan Nabeel

"ion een curr fr"

STUDENTS



KAMEL ALSULIMANI

BIRTHDAY
8/11

HOMETOWN
Jeddah

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@camel_with_a_k_2009

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
CEO of Apple

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
World Cup final

TITLE OF SRSI PROJECT
Evaluating Novel COF Membranes for Vacuum Membrane Distillation.

MENTOR
Ting Xu

TUTOR
Danah Altassan

"Tough times don't last, only tough people."

-🐫 with a K



LULIA ALQAHTANI

BIRTHDAY
10/20

HOMETOWN
Dammam

EXCOR
Remas Aljifri

SOCIAL MEDIA
@luliazz

DREAM UNIVERSITY
KFUPM

DREAM JOB
Process Engineer

DESIRED SUPERPOWER
Immortality

FAVORITE MEMORY OF THE PROGRAM
Wacky Olympics

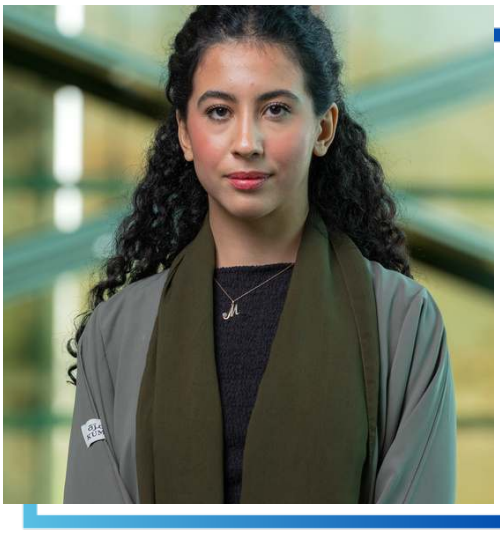
TITLE OF SRSI PROJECT
Autonomous Atmospheric Water Harvesting via Sustainable Carboxymethylcellulose (CMC) Beads Derived from Date Palm Waste

MENTOR
Dr. Mohamed Abdelghafour

TUTOR
Mrs. Ghadeer Hasanin

"be kind without expecting loyalty, not everyone values what you give." - dad

STUDENTS



MARAM ALBARRAK

BIRTHDAY
9/3

HOMETOWN
Riyadh

EXCOR
Aseel Aladwani

SOCIAL MEDIA
@mb09_03

DREAM UNIVERSITY
MIT

DREAM JOB
Bus Driver

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Wacky Olympics *wink wink*

TITLE OF SRSI PROJECT
DNA Carriers for Optical Biosensing

MENTOR
Sarah Alqattan & Vinoth Balasubramani

TUTOR
Ioannis Isaioglou

"Enough presentations."



MARIA ALNASRALLAH

BIRTHDAY
1/14

HOMETOWN
Qatif

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
KFUPM

DREAM JOB
Being rich

DESIRED SUPERPOWER
The everypower power

FAVORITE MEMORY OF THE PROGRAM
Shark tank

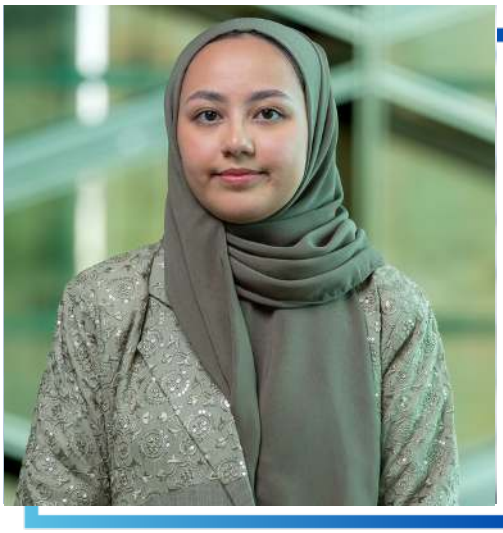
TITLE OF SRSI PROJECT
Role of Al in Pt/ZSM-5 Catalysts for H_2-SCR of NOx

MENTOR
Dr.Baqer

TUTOR
Ms Hind Almohmadi

"The less you care, the more you live"

STUDENTS



MARIAH ALTARAZI

BIRTHDAY
5/6

HOMETOWN
Makkah

EXCOR
Aseel Aladwani

SOCIAL MEDIA
@MariahAltarazi

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Researcher, Business Women

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Volleyball with Aseel, Remas, and Rimas

TITLE OF SRSI PROJECT
Octopus-Inspired Thermoresponsive Adhesive Patch for Biosignal Sensing

MENTOR
Aljawharah Alsharif

TUTOR
Yazeed Alroogi

"Sometimes you will never know the value of a moment until it becomes a memory" -Dr.Seuss



MAYA ALJABRI

BIRTHDAY
11/21

HOMETOWN
Hannover

EXCOR
Rzan

DREAM UNIVERSITY
University of Oxford

DREAM JOB
Medical and PhD Doctor of Immunology

DESIRED SUPERPOWER
Telepathy!

FAVORITE MEMORY OF THE PROGRAM
Dr Venu's Guinea Pigs

TITLE OF SRSI PROJECT
Deciphering Cardiac Glycoside Biosynthesis in Calotropis procera

MENTOR
Dr Derry Alvarez De Jesus

TUTOR
Ms Danah Al Tassan

"Standing on the shoulders of giant... but it's because I'm short"

STUDENTS



BIRTHDAY
3/29
HOMETOWN
Jeddah
DREAM JOB
Medical
DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Coming 2 weeks late
TITLE OF SRSI PROJECT
Characterization of IL11 Deficiency in Humans
MENTOR
Burak Saribaş
TUTOR
Ioannis Isaioglou

MAYAR ALHAJ IBRAHIM

"i don't know how i got here"



BIRTHDAY
12/28
HOMETOWN
KAUST
SOCIAL MEDIA
@mz.mmm7
DREAM UNIVERSITY
KFUPM
DREAM JOB
Aramco - IT manager

DESIRED SUPERPOWER
Fly
FAVORITE MEMORY OF THE PROGRAM
Accidentally Slept 12 Hours in the Library
TITLE OF SRSI PROJECT
AdaptStudy
MENTOR
Karen Sanchez
TUTOR
Reem Alghamdi

MESHARI ALZAHRANI

"The best way to predict the future is to invent it."

— Alan Kay

STUDENTS



MIRYAM TURKISTANI

BIRTHDAY
5/31

HOMETOWN
Makkah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@m1ryamsdrafts

DREAM UNIVERSITY
Berkeley

DREAM JOB
Owning a salon

DESIRED SUPERPOWER
To disappear

FAVORITE MEMORY OF THE PROGRAM
Getting jumped by excors

TITLE OF SRSI PROJECT
Investigating the role of MATR3 in muscle differentiation and mitochondrial regulation.

MENTOR
Rinad Algehani

TUTOR
Ioannis Isaioglou

"ts pmo"



MOHAMMAD ALTALEB

BIRTHDAY
3/17

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

DREAM JOB
Engineer

DESIRED SUPERPOWER
Time Control

FAVORITE MEMORY OF THE PROGRAM
Lab tour

TITLE OF SRSI PROJECT
Fluid Characterization in the Eagle Ford Shale: Developing Generalized Correlations to Address Data Scarcity

MENTOR
Hadar alahmad and hongying kuang

TUTOR
Reem Alghamdi

"الحمدلله"

STUDENTS



MOHAMMED ALBALAWI

BIRTHDAY
2/11

HOMETOWN
Tabuk

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Columbia

DREAM JOB
Engineer

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
World Cup

TITLE OF SRSI PROJECT
Electrocatalysis for CO_2 Conversion to Fuels

MENTOR
Abdullah Allangawi

TUTOR
Ms. Hind Almohmadi

"Do it while you can"



MOHAMMAD ALNAKHLI

BIRTHDAY
9/28

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Mechanical Engineer

DESIRED SUPERPOWER
Fire bending

FAVORITE MEMORY OF THE PROGRAM
Football Fields

TITLE OF SRSI PROJECT
Valorization of Pyrolysis Fuel Oil into Activated Carbon Supercapacitor Electrodes via Petroleum Pitch Oxidation and KOH Activation

MENTOR
Mohammed alabbad

TUTOR
Mohammed Bader

"Blowing out another candle doesn't make yours shine brighter"

STUDENTS



BIRTHDAY
9/17

HOMETOWN
Unayzah, Qassim

EXCOR
Fuad Bajunaid

DESIRED SUPERPOWER
Absolute Influence

FAVORITE MEMORY OF THE PROGRAM
Kabsa making

TITLE OF SRSI PROJECT
Investigating the Interaction Between Desulfuromonas acetexigens and Carbon Dioxide Under Controlled Anaerobic Conditions

MENTOR
Dr. Mohammed Bader

MOHAMMED ALDREES

"إذا غامرتَ في شرفٍ مرومٍ فلا تقنعْ بما دونَ النجوم"



BIRTHDAY
8/8

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Stanford

DESIRED SUPERPOWER
Mind reading

FAVORITE MEMORY OF THE PROGRAM
World Cup final

TITLE OF SRSI PROJECT
Development of a Nanobody-Based Lateral Flow Immunoassay for Rapid Detection of MERS-CoV

MENTOR
Dr. Dominik Renn

TUTOR
Ms. Danah Altassan

MOHAMMED ALFAYYADH

"It is that simple"

STUDENTS



MOHAMMED ALBASSAM

BIRTHDAY
2/7

HOMETOWN
Riyadh

DREAM UNIVERSITY
Georgia Tech

DREAM JOB
Robotics Engineer

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Wacky Olympics

TITLE OF SRSI PROJECT
Water Use of Crops Under Agrivoltaics Versus Open Conditions in a Hyper-Arid Environment

MENTOR
Wesley Hopwood

TUTOR
Dr Mohamed Bader

"اتحاد حاد"



MOHAMMED ALGAHTANI

BIRTHDAY
9/21

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
MIT

DREAM JOB
Whatever makes me happy

DESIRED SUPERPOWER
Flight

FAVORITE MEMORY OF THE PROGRAM
Learning

TITLE OF SRSI PROJECT
2 sketch to 3d mechanical CAD model

MENTOR
Dr Waad

TUTOR
Emerging Tech (Sattam Altuuaim)

"In order to be ballin you must b all in"

STUDENTS



MOTAZ HASAN

BIRTHDAY
12/27

HOMETOWN
Khobar

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
Stanford

DREAM JOB
Mechanical Engineer

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
The IbO gathering

TITLE OF SRSI PROJECT
hydrogen combustion engines using an argon gas medium and water injection

MENTOR
Dr. Mebin Panithasan

TUTOR
Dr. Reem Ali

"The early bird gets the worm, but the second mouse gets the cheese."



MUHAMMAD REHMAN

BIRTHDAY
3/6

HOMETOWN
Johannesburg, South Africa

SOCIAL MEDIA
@mzr_09

DREAM UNIVERSITY
Oxford Brooks

DREAM JOB
Motorsports Engineer

DESIRED SUPERPOWER
Super Speed

FAVORITE MEMORY OF THE PROGRAM
World Cup final match

TITLE OF SRSI PROJECT
Emerging Cavitation-Based Approaches for Industrial Spent Caustic Treatment

MENTOR
Varaha Prasad Sarvothaman

TUTOR
Reem Ali

"The earth is just a rock without art"

STUDENTS



MURAD AL-BAKRI

BIRTHDAY
2/5

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@murad.albakri

DREAM UNIVERSITY
MIT

DREAM JOB
Astrophysicist by day, musician by night

DESIRED SUPERPOWER
Probability manipulation

FAVORITE MEMORY OF THE PROGRAM
Shark Tank

TITLE OF SRSI PROJECT
Synthesis and characterisation of 2D carbon systems

MENTOR
Ricardo Ruvalcaba Briones

TUTOR
Ms. Hind Almohmadi

"Why would you ever deal with any emotion in a logical way when you could have the option of absolutely losing your mind?"

-Conan Gray



MUSHARI ALMARZOUG

BIRTHDAY
12/2

HOMETOWN
Al Bukayriyah

EXCOR
Abdullah Halawani

SOCIAL MEDIA
mushari_almarzoug

DREAM UNIVERSITY
MIT

DREAM JOB
Aerospace Engineer

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Creating The Tinylev

TITLE OF SRSI PROJECT
Contact-Free Processing of Highly Viscous Biomaterials: Optimizing the TinyLev Platform for Aloe vera Hydrogel Levitation

MENTOR
Ahmed Azmeer

TUTOR
Dr Salman Ghori

"Shoot for the stars, so if you fall you land on a cloud"

STUDENTS



NADER MASMALI

BIRTHDAY
8/2

HOMETOWN
Jazan

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
Stanford

DREAM JOB
Research Scientist

DESIRED SUPERPOWER
Time Manipulation

FAVORITE MEMORY OF THE PROGRAM
Beginning of Induction week

TITLE OF SRSI PROJECT
Investigation of Ni/CeO_2 and Ni/Al_2O_3 Activity Under Minimised Structural Effects and Using Modulation for Determining Active Intermediates in CO_2 Methanation

MENTOR
Dr. Vijay V. Kumar, Abdulrahman Alsaiari

TUTOR
Mohammed Bader

"Wow you are from جُنُون Saudi Arabia"



NASSER AL JALFAN

BIRTHDAY
4/12

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
Cambridge University

DREAM JOB
Astronaut

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Sneaking out

TITLE OF SRSI PROJECT
The Climate Cost of Ignition Promoters for Ammonia

MENTOR
Fakhrianda Zufar / Janardhanraj Subburaj

TUTOR
Salman Ghori

"Let it happen."

STUDENTS



NAWAF ALABOUD

BIRTHDAY
3/31
HOMETOWN
Al-Jishah
EXCOR
Fuad Bajunaid
DREAM UNIVERSITY
MIT
DREAM JOB
Lepidopterology

DESIRED SUPERPOWER
Teleportation
FAVORITE MEMORY OF THE PROGRAM
Playing Sports with the community
TITLE OF SRSI PROJECT
CFD Analysis of a Hydrogen-Oxygen-Argon Closed-Cycle Engine
MENTOR
Xinlei Liu
TUTOR
Ms. Hind AlMohmadi

"Master of all trades, Jack of none"



NAWAF ABU AQIL

BIRTHDAY
10/28
HOMETOWN
Jizan
EXCOR
Fuad Bajunaid
SOCIAL MEDIA
@n.0wv
DREAM UNIVERSITY
UC Berkeley
DREAM JOB
Entrepreneur

DESIRED SUPERPOWER
Precognition
FAVORITE MEMORY OF THE PROGRAM
The Day the Sea Turtle Lecture Became Unforgettable
TITLE OF SRSI PROJECT
Thickness Optimization of Exfoliated CuCrP,S, Flakes for Large Memory Window in Ferroelectric MIM Devices
MENTOR
Dr.Yinchang Ma
TUTOR
Hind AlMohmadi

"Per aspera ad astra.
— Through hardships to the stars."

STUDENTS



NOOR BASFAR

BIRTHDAY
11/22

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

DREAM UNIVERSITY
Streamer University

DREAM JOB
Streamer

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Watching World Cup games at discovery square

TITLE OF SRSI PROJECT
Occlusion-Adaptive Temporal Memory for Object Persistence in Autonomous Vehicle Perception

TUTOR
Ahmed Bahaj

"Sometimes in the life it's good to be competitive"



NOOR ALMATOUQ

BIRTHDAY
9/3

HOMETOWN
Riyadh

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
University college of Dublin

DREAM JOB
Anesthesiologist

DESIRED SUPERPOWER
Time manipulation

TITLE OF SRSI PROJECT
NeuroVision: A Self-Supervised Vision Transformer for Detecting Neurodegenerative Disease-Related Changes in Brain MRI

MENTOR
Salman Khan

TUTOR
Raya Abu Aljamal

"I am uniquely skilled at doing nothing while looking incredibly busy"

STUDENTS



NORAH ALBAIZ

BIRTHDAY
10/28

HOMETOWN
Shaqra

EXCOR
Remas Aljifri

DREAM UNIVERSITY
UCLA

DREAM JOB
Energy Systems Analyst

DESIRED SUPERPOWER
Telekinesis

FAVORITE MEMORY OF THE PROGRAM
Inn nights

TITLE OF SRSI PROJECT
Developing Low-Cost Electrocatalysts for Oxygen Evolution Reaction (OER) toward Green Hydrogen Production

MENTOR
Abdulmalek

TUTOR
Ms. Ghadeer Hasanin

"High risk High reward"



NUHA AL HUSAINI

BIRTHDAY
9/1

HOMETOWN
Al Ahsa

EXCOR
Rzan

SOCIAL MEDIA
@haesoooleee_

DREAM UNIVERSITY
KFUPM

DREAM JOB
financial analyst

DESIRED SUPERPOWER
hope magic

FAVORITE MEMORY OF THE PROGRAM
world cup final

TITLE OF SRSI PROJECT
Valorization of waste fatty acids via catalytic decarboxylation for biofuel and chemical synthesis

MENTOR
Pirudhan Karak

TUTOR
Ghadeer Hasanin

"i'm not afraid to be seen trying"

STUDENTS



OMAR MADINI

BIRTHDAY
3/14

HOMETOWN
Jeddah

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@omarmadini19

DREAM UNIVERSITY
KSAU

DREAM JOB
Surgeon

DESIRED SUPERPOWER
Invisibility

FAVORITE MEMORY OF THE PROGRAM
World Cup Final

TITLE OF SRSI PROJECT
Automated Reporting for EEG Assistive Diagnostics

MENTOR
Malik Shahid Sultan

TUTOR
Yazeed Alroogi

"If you focus on what you left behind, you will never be able to see what lies ahead



RAHAF ALSARHEED

BIRTHDAY
7/10

HOMETOWN
Riyadh

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
KFUPM

DREAM JOB
Chemical engineer

DESIRED SUPERPOWER
Teleporting

FAVORITE MEMORY OF THE PROGRAM
First time working in the lab

TITLE OF SRSI PROJECT
Understanding the Origin of Selectivity Differences Between In Situ and Ex Situ Synthesized MoP/N-C Catalysts for Formic Acid Dehydrogenation

MENTOR
Dr. Rajesh Belgamwar

TUTOR
Ms. Ghadeer Hasanin

"How lucky am I to have something that makes saying goodbye so hard." — Winnie the Pooh

STUDENTS



RASEEL MASMALI

BIRTHDAY
9/8
HOMETOWN
Jizan
EXCOR
Remas Aljifri
DREAM UNIVERSITY
Stanford
DREAM JOB
Professor

DESIRED SUPERPOWER
Teleportation
FAVORITE MEMORY OF THE PROGRAM
WC final match & Wacky Olympics
TITLE OF SRSI PROJECT
Effect of Mg source on MgO-supported NiMo Catalysts for Dry Reforming of Methane
MENTOR
Eziz Naryyev
TUTOR
Mohammed Bader

"Ggs"



REEM ABUALNAJA

BIRTHDAY
5/12
HOMETOWN
Jeddah
EXCOR
Remas Aljifri
DREAM UNIVERSITY
UC Berkeley
DREAM JOB
Professor/ Researcher

DESIRED SUPERPOWER
Mind reading
FAVORITE MEMORY OF THE PROGRAM
Rick and morty day
TITLE OF SRSI PROJECT
Optimizing operating conditions for Microbial Chain Elongation transforming waste into value added chemicals
MENTOR
mohammad bader , hari rao
TUTOR
Mohammad Bader

"wubba lubba dub dub"

STUDENTS



REEMA ALALOULA

BIRTHDAY
3/23

HOMETOWN
Dammam

EXCOR
Remas Aljifri

DREAM UNIVERSITY
KFUPM

DREAM JOB
Retired millionaire but until then, CEO sounds good.

DESIRED SUPERPOWER
Sleeping 8 hours straight.

FAVORITE MEMORY OF THE PROGRAM
World Cup nights

TITLE OF SRSI PROJECT
Sustainable Porous Organic Polymers (POPs) from Date Palm Waste for Advanced Petrochemical Separations

MENTOR
Dr. Mohamed Abdelghafour

TUTOR
Ms. Ghadeer Hasanin

"I have to be successful because I like expensive things."



REEMA ALSHEHRI

BIRTHDAY
7/19

HOMETOWN
Riyadh

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
NUS/Tsinghua

DREAM JOB
Aerospace engineer

DESIRED SUPERPOWER
Reading minds

FAVORITE MEMORY OF THE PROGRAM
My birthday celebrated by my roommates

TITLE OF SRSI PROJECT
Tcad analysis on PolFET

MENTOR
Fauzi Abdillah

TUTOR
Salman Ghori

"Girls just wanna have fun"

STUDENTS



RIMAS ABUALNAJA

BIRTHDAY
6/14

HOMETOWN
Jeddah

EXCOR
Aseel Aladwani

SOCIAL MEDIA
@rimas.aurus_rex

DREAM UNIVERSITY
Johns Hopkins

DREAM JOB
Biomedical scientist

DESIRED SUPERPOWER
Willpower

FAVORITE MEMORY OF THE PROGRAM
Volleyball with Remas, Aseel, and Mariah

TITLE OF SRSI PROJECT
From Gene to Structure: The Epstein–Barr Virus Helicase–Primase Complex

MENTOR
Dr. Ammar Danazumi

TUTOR
Ms. Danah Altassan

"If we wait until we're ready, we'll be waiting for the rest of our lives'... I'm not ready"



RITAL ALHARBI

BIRTHDAY
4/27

HOMETOWN
Riyadh

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
Nanyang Technological University

DREAM JOB
Advanced Materials Research Scientist

DESIRED SUPERPOWER
Using 2x in real life conversations

FAVORITE MEMORY OF THE PROGRAM
Wacky Olympics

TITLE OF SRSI PROJECT
COFs (Covalent Organic Frameworks) Optimizations

MENTOR
Ahror ismoili

TUTOR
Mohammed Bader

STUDENTS



ROAA ALMARZOOQ

BIRTHDAY
6/30
HOMETOWN
Al-Ahsa
EXCOR
Aseel Aladwani
DREAM JOB
LEGO set designer

DESIRED SUPERPOWER
Unlimited aura farming
FAVORITE MEMORY OF THE PROGRAM
Wacky Olympics
TITLE OF SRSI PROJECT
Separation performance and retention behavior of ultra-filtration membranes in protein processing
MENTOR
Xin Wang
TUTOR
Anil Reddy

"Awwww, soo cute"



ROAA MULLA

BIRTHDAY
2/1
HOMETOWN
Riyadh
EXCOR
Remas Aljifri
DREAM UNIVERSITY
KSAU
DREAM JOB
Doctor

DESIRED SUPERPOWER
Time bending
FAVORITE MEMORY OF THE PROGRAM
Last day in the worldcup
TITLE OF SRSI PROJECT
Engineering CRISPR-based sensor to monitor the dynamics of AAV replication in mammalian cells
MENTOR
Tin Marsic
TUTOR
Ioannis Isaioglou

“We were infinite”

STUDENTS



SAKINAH AL MUBARAK

BIRTHDAY
8/15

HOMETOWN
Safwa

EXCOR
Rzan

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Engineer

DESIRED SUPERPOWER
Telepathy

FAVORITE MEMORY OF THE PROGRAM
Going to the Hospital at 2 AM by the End of the First Week

TITLE OF SRSI PROJECT
Colloidal Indium Antimonide (InSb) Quantum Dots for Extended Short-Wave Infrared Photodetectors

MENTOR
Sawsan A. Daws

TUTOR
Anil Reddy

"Happiness can be found even in the darkest of times if only one remembers to turn on the light."



SARA ALMUTAIRI

BIRTHDAY
1/28

HOMETOWN
Jeddah

EXCOR
Rzan

DREAM UNIVERSITY
UCL

DREAM JOB
neurosurgeon

DESIRED SUPERPOWER
mind reading

FAVORITE MEMORY OF THE PROGRAM
sleepover

TITLE OF SRSI PROJECT
Detecting CTCs using magnetic nano particles

MENTOR
Abdualmajeed Banjar

TUTOR
Hind Almohmadi

"Grace is what matters in anything."

STUDENTS



SARAH ABOULSAMH

BIRTHDAY
5/19

HOMETOWN
Dhahran

EXCOR
Remas Aljifri

SOCIAL MEDIA
@sarah.samh

DREAM UNIVERSITY
KAU

DREAM JOB
Doctor

DESIRED SUPERPOWER
Flying

FAVORITE MEMORY OF THE PROGRAM
South beach?

TITLE OF SRSI PROJECT
Cryo-EM Characterization of the PCNA–Polymerase Kappa Complex After the 8-Oxoguanine Bypass To Improve Chemoresistant Glioblastoma Therapy

MENTOR
Inas Zein

TUTOR
Ioannis Isaioglou

"I can smell you from here"



SHAHAD ALABBAD

BIRTHDAY
6/15

HOMETOWN
Dammam

EXCOR
Remas Aljifri

DREAM UNIVERSITY
MIT

DREAM JOB
Chemical engineer

DESIRED SUPERPOWER
Time manipulation

FAVORITE MEMORY OF THE PROGRAM
Playing mafia with the girls

TITLE OF SRSI PROJECT
Development of Ultra-High Molecular Weight Polyethylene (UHMWPE)-Based Materials for Hydrogen Barrier Applications

MENTOR
Dr. Biplab

TUTOR
Hind Almohmadi

"Sometimes you will never know the value of a moment until it becomes a memory"

STUDENTS



SULTAN ALBALAWI

BIRTHDAY
6/29

HOMETOWN
Alwajh

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@Sq_bl

DREAM UNIVERSITY
Stanford

DREAM JOB
CEO

DESIRED SUPERPOWER
Pause Time

FAVORITE MEMORY OF THE PROGRAM
Football

TITLE OF SRSI PROJECT
Design and Development of a Custom PCB and Antenna for a Low-Cost IoT Environmental Monitoring Sensor

MENTOR
Rana Bilal

TUTOR
Dr. Rawan Alghamdi

"Are you the chess guy?"



TAHA KIDWAI

BIRTHDAY
9/28

HOMETOWN
Jeddah

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
MIT

DREAM JOB
Biotechnologist

DESIRED SUPERPOWER
Flight

FAVORITE MEMORY OF THE PROGRAM
Aldrees cooking for us

TITLE OF SRSI PROJECT
Purification and characterization of D14L2 activity in rice.

MENTOR
Ms. Kawthar Alashoor

TUTOR
Ms. Danah Altassan

"Hello, World!"

STUDENTS



TALA ALMARWANI

BIRTHDAY
5/8

HOMETOWN
Jeddah

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
KGSP scholarship universities

DREAM JOB
CEO of KAUST

DESIRED SUPERPOWER
Mimicking other people's powers!

FAVORITE MEMORY OF THE PROGRAM
When we found HDMI wire to watch the world cup finals

TITLE OF SRSI PROJECT
CO2-to-Methanol via RhPPc electrocatalyst (might change)

MENTOR
Abdulrahman Allangawi

TUTOR
Hind Abdulaziz

"Be the change that you wish to see in the world"

-Mahatma Gandhi



TALAL LABBAN

BIRTHDAY
4/9

HOMETOWN
Riyadh

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@talal.labban

DREAM UNIVERSITY
MIT

DREAM JOB
Genius, billionaire, playboy, philanthropist

DESIRED SUPERPOWER
Super Speed

FAVORITE MEMORY OF THE PROGRAM
Playing football with friends

TITLE OF SRSI PROJECT
Development of anode material for deposition based aqueous redox flow batteries

MENTOR
Puru Goel

TUTOR
Dr Salman Ghori

"I don't dream, I do." ~Yazeed (The tutor)

STUDENTS



TALIAH ALZAIN

BIRTHDAY
3/14

HOMETOWN
Jeddah

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
King Abdulaziz University

DREAM JOB
Doctor

DESIRED SUPERPOWER
Telekinesis

FAVORITE MEMORY OF THE PROGRAM
WC final match

TITLE OF SRSI PROJECT
Cryo-EM Structure of Pol-κ–PCNA(Ub) Complex

MENTOR
Inas Zein

TUTOR
Yazeed Alroogi

"Trust the process"



TAMEEM KHAN

BIRTHDAY
9/23

HOMETOWN
Jubail Industrial City

EXCOR
Fuad Bajunaid

DREAM UNIVERSITY
Stanford

DREAM JOB
Musical Geneticist

DESIRED SUPERPOWER
Immediate قبول

FAVORITE MEMORY OF THE PROGRAM
Baking a cake and celebrating Taha's silver medal.

TITLE OF SRSI PROJECT
Development of a PVX-AMP—Azithromycin treatment for multi-drug-resistant bacteria

MENTOR
Shahid Chaudhry - PI: Magdy Mahfouz

TUTOR
Yazeed Alroogi

"ابو علي"

STUDENTS



TOLEEN AYAZ

BIRTHDAY
6/12

HOMETOWN
Jeddah

EXCOR
Remas Aljifri

SOCIAL MEDIA
@toleenayaz

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Scientific Diver

DESIRED SUPERPOWER
Breathing Underwater

FAVORITE MEMORY OF THE PROGRAM
Kayaking and the World Cup Finale

TITLE OF SRSI PROJECT
Single-molecule Solid-State nanopore protein screening Using Aptamer-modified DNA Carriers

MENTOR
Sarah Alqattan

TUTOR
Yazeed Alroogi

"Probably Laughing.."



VIKTOR UKHOV

BIRTHDAY
8/31

HOMETOWN
Yekaterinburg

DREAM UNIVERSITY
MIT

DREAM JOB
Mechatronics at Apple

DESIRED SUPERPOWER
Knowification

FAVORITE MEMORY OF THE PROGRAM
Daily lunch

TITLE OF SRSI PROJECT
Wearable Sensor-Based Brain–Computer Interface for Wellness and Thought-to-Text

MENTOR
Bashayer Majrashi and Majid A. AlMarhoumi

TUTOR
Reem Alghamdi

"You can't beat a man who smiles at pain 😈"

STUDENTS



WAEL MASOUD

BIRTHDAY
10/5

HOMETOWN
Diriyah

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Stanford

DREAM JOB
Astronaut

DESIRED SUPERPOWER
Infinite tamimi cookies

FAVORITE MEMORY OF THE PROGRAM
Eating tamimi cookies

TITLE OF SRSI PROJECT
Adaptive Tracking of Resonance Frequency for Real-Time Heart Rate Variability Biofeedback

MENTOR
Majid AlMarhoumi

TUTOR
Reem Alghamdi

"The view from the top was never the reason to climb"



YARA ALBABTAIN

BIRTHDAY
8/11

HOMETOWN
Riyadh

EXCOR
Rzan

DREAM UNIVERSITY
UC Berkeley

DREAM JOB
Motorsport engineer

DESIRED SUPERPOWER
Telekinesis

FAVORITE MEMORY OF THE PROGRAM
Tamimi runs 10 mins before curfew

TITLE OF SRSI PROJECT
Development of a chromium-free metal catalyst for the synthesis of a pure silica zeolite

MENTOR
Anastasiya Bavykina

TUTOR
Hind Almohmadi

"You go girl!"

STUDENTS



YARA ALGHAMDI

BIRTHDAY
8/25

HOMETOWN
Al Khobar

EXCOR
Aseel Aladwani

DREAM UNIVERSITY
Yale

DREAM JOB
Engineer

DESIRED SUPERPOWER
Mind Reading

FAVORITE MEMORY OF THE PROGRAM
Beach with my friends

MENTOR
Dilimulati Rexiati

TUTOR
Yazeed Alroogi

"Its not forever"



YASMEEN ALJISHI

BIRTHDAY
4/5

HOMETOWN
Eastern Province

EXCOR
Remas Aljifri

SOCIAL MEDIA
@yaljishi5

DREAM UNIVERSITY
KFUPM / KAUST KGSP

DREAM JOB
A job i love and that would make me rich honestly

DESIRED SUPERPOWER
Teleportation and Future Sight (Seeing the consequences of every decision)

FAVORITE MEMORY OF THE PROGRAM
The world cup finale night and Game night with excor

TITLE OF SRSI PROJECT
Evodrug: Predicting Future Antibiotic Resistance Before it Appears

MENTOR
Dr. Muhammad Ali

TUTOR
Mohammad Balkhair

"If my path doesn't exist, then perhaps it was never meant to be found - it was meant to be made. Peace out ✌"

STUDENTS



YOUSEF BASUNI

BIRTHDAY
10/9

HOMETOWN
Yanbu

EXCOR
Fuad Bajunaid

SOCIAL MEDIA
@basuniyousef

DREAM UNIVERSITY
Stanford

DREAM JOB
Electrical Engineer

DESIRED SUPERPOWER
Professional larper

FAVORITE MEMORY OF THE PROGRAM
Celebrating the IBO medalist TAHA

TITLE OF SRSI PROJECT
Modified Microneedle electrodes for minimally invasive transdermal electrochemical dopamine detection

MENTOR
Dr. Mufeeda mundummal

TUTOR
Ms. Dana altassan



YOUSEF TATWANI

BIRTHDAY
2/12

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

SOCIAL MEDIA
@youseftatwani

DREAM UNIVERSITY
University of California: San Diego

DREAM JOB
Big AI person

DESIRED SUPERPOWER
Multiversal Travel

FAVORITE MEMORY OF THE PROGRAM
The Room Hangouts

TITLE OF SRSI PROJECT
Machine Learning Prediction of Carbon Dioxide and Methane Levels over the MENA Region from Satellite and Meteorological Data

MENTOR
Hari Dasari

TUTOR
Dr Rawan Alghamdi

"As long as you can get up and do it one more time"

STUDENTS



MUHAMMAD AMIN

BIRTHDAY
25/2

HOMETOWN
Kitchener, ON

SOCIAL MEDIA
@21moam__

DREAM UNIVERSITY
University of Waterloo

DREAM JOB
Project Manager

DESIRED SUPERPOWER
Mind Reading

FAVORITE MEMORY OF THE PROGRAM
Getting in trouble before the program started

TITLE OF SRSI PROJECT
Real-Time Drone-Based Camel Detection

MENTOR
Felix Chun Pong Lau

TUTOR
Rawan Alghamdi

"والله والنعم والله"



SULTAN ALFURAYDI

BIRTHDAY
9/13

HOMETOWN
Riyadh

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
Petroleum University

DREAM JOB
Marketing Manager

DESIRED SUPERPOWER
Cloning

FAVORITE MEMORY OF THE PROGRAM
Playing smash with like 8 other screaming kids in the room

TITLE OF SRSI PROJECT
Generalisable Detection of AI-Generated Images from Unseen Generators

MENTOR
Muhammad Shahbaz Khan

TUTOR
Emerging Technology

"Ah KAUST, what a concept."

STUDENTS



Ahmad Almsarri

BIRTHDAY
4/27

HOMETOWN
Jeddah

EXCOR
Abdullah Halawani

DREAM UNIVERSITY
King Abdulaziz University

DREAM JOB
Doctor

DESIRED SUPERPOWER
Telekenisisis but like niche

FAVORITE MEMORY OF THE PROGRAM
Happy meal

TITLE OF SRSI PROJECT
Phage Hunt: Isolating Potentially Novel Bacteriophages from Pristine and Human-Impacted Environments

MENTOR
Paula Garcia Martinez

TUTOR
Ioannis Isaioglou

"potentially genuine inspirational quote"



Mariam Alattas

BIRTHDAY
12/9

HOMETOWN
Jeddah

SOCIAL MEDIA
@mimi_al3ttas

DREAM UNIVERSITY
John Hopkins

DREAM JOB
Cardiologist

DESIRED SUPERPOWER
Teleportation

FAVORITE MEMORY OF THE PROGRAM
Staying Home

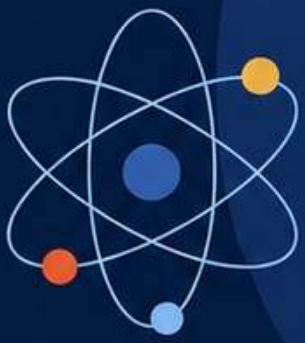
TITLE OF SRSI PROJECT
Parkinson's Disease AI Progression Monitor

MENTOR
Raya Abu Aljamal

TUTOR
Emerging Tech

"better late then never but never late is better"

Activites & Events







SRSI EXPERIENCE

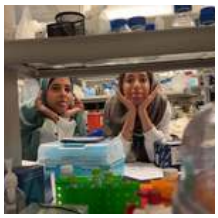
By Yasmeen Aljishi









When I first saw the email of acceptance, I was the happiest person on earth that day. I kept on jumping around with pure excitement as if I were a little kid and not like the grown graduating student I am. I didn't know what would come ahead, I didn't know anything at all. Participating in SRSI has not only been a privilege, but one of the most valuable learning experiences of my academic journey.

What a privilege it was to work alongside the brightest and smartest people. All of the students, the researchers, the professors, and etc. Every single person had a special place here at KAUST. It's not just how they think that everyone notices, but it's also about how their laugh, their smile, their personality, that made them stand out. The mentors and tutors have not only guided us but they made many memories with the students too.

Interacting with individuals from diverse academic backgrounds allowed me to exchange ideas, broaden my perspective, and develop a deeper appreciation for interdisciplinary collaboration. These experiences not only enriched my learning but also reinforced the importance of teamwork in advancing innovation.

What a privilege it was to learn in this program. The program strengthened my ability to communicate scientific concepts effectively, engage in meaningful discussions, manage my time efficiently, and present my work with confidence. I'm glad to say that I got the university experience before even applying!

In a nutshell, SRSI strengthened my curiosity, resilience, and confidence. The experience expanded my perspective, refined my analytical and communication skills, integrity, and lifelong learning. I leave the program better prepared to contribute meaningfully to future scientific endeavors with professionalism, determination, and purpose, embracing every opportunity ahead confidently. And the best part about it, I leave with a family.

EMERGING TECHNOLOGY
By Faisal Aljabri

My experience in Emerging Tech was like no other. I got to dive into a field I'm deeply interested in, and I met fellow students who share that same passion. Our tutors were incredibly helpful, breaking down an entire curriculum in a way that was clear, engaging, and genuinely fun to follow.

But what made this track unforgettable wasn't just the learning, it was the people and the energy in the room. Somewhere along the way, everyone in Emerging Tech unleashed their hidden talents for drawing. Before long, the whole wall was covered in a collection of wonderfully random art: princess Batman, caveman SpongeBob, dictator Mbappé, a mugshot of Jordan, a cursed Dr. House, and so much more. Every drawing had its own story, and every one of them made us laugh.

That mix of curiosity, creativity, and chaos is what defined our time here. We came in to learn about emerging technology, and we left with real knowledge, new friendships, and a wall full of memories that none of us will forget.

Room 4123 will always hold a special place for us. It's where ideas were shared, skills were built, and a group of strangers turned into a team. Thank you to our tutors for making this experience so meaningful, and to everyone who made this track something worth remembering.









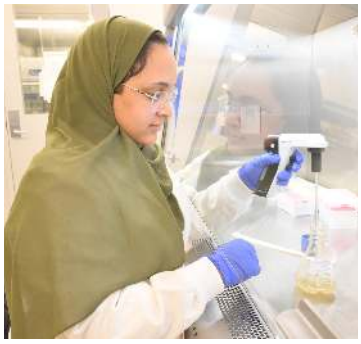



Be careful !!!


Mediacom
Fridge
ET

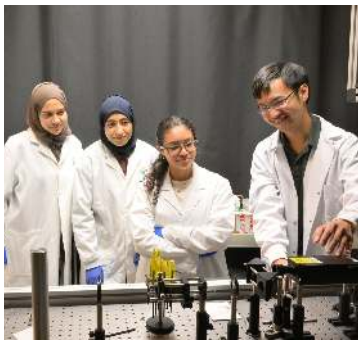
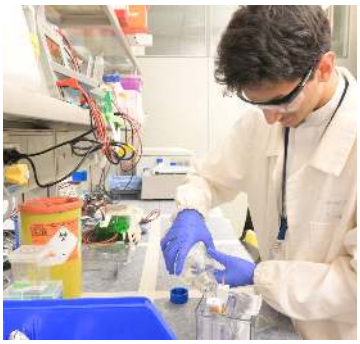
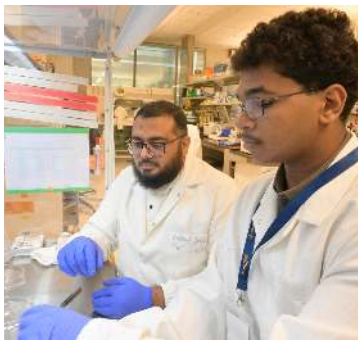








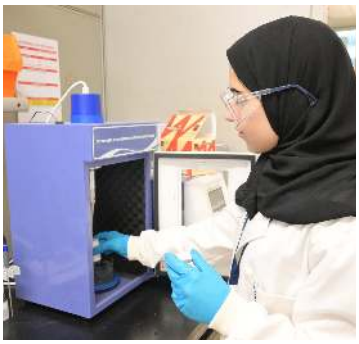
Mentorship

By Maya Aljabri

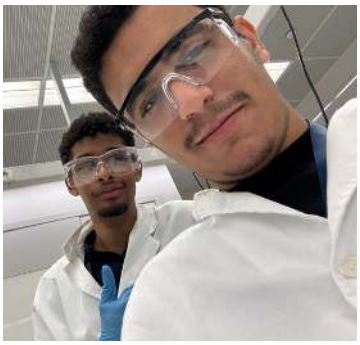
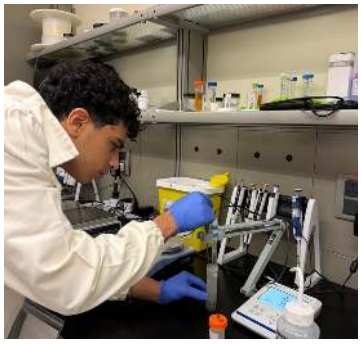
Mentorship is where I found my heart. "How?", you may ask.

As defined by the Merriam-Webster dictionary, a laboratory is "a place providing opportunity for experimentation, observation, or practice in a field of study". Opportunity. That is what the laboratory and mentorship provided me.
To be in four walls with the equipment I need to satisfy my ravenous hunger for answers, to be around people fuelled by curiosity and passion, and to be guided by experts was a life-changing experience. I've learned that there are like-minded people out there who would go out of their way to help me understand, to learn. I've learned that there is truly a chance in combining work and passion. I've learned that I do have a people, and it's the people I've met during my mentorship. I've learned patience; patience from my mentor, who would explain things to me repeatedly and tirelessly until I understood exactly what my research was about, and who held his sighs every time I made a mistake. Patience; from waiting for results. Patience; from unclear analyses and false positives. Patience; from hypotheses proven wrong. And most importantly of all, patience in pipetting.

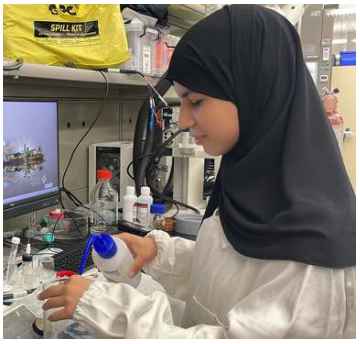




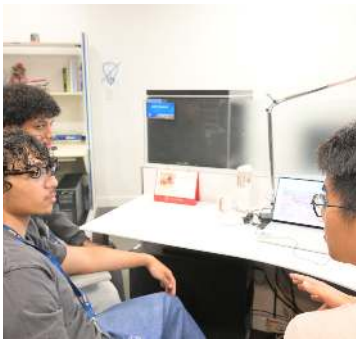


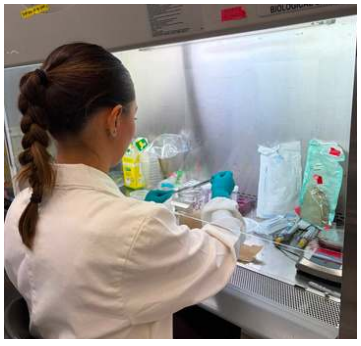




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Wacky Olympics





















Wacky Olympics

Wacky Olympics is one of the most anticipated traditions of KAUST Academy's summer programs, bringing together students from STEPs, SRSI, and HSSP for a day filled with excitement, teamwork, and unforgettable memories. Designed to encourage collaboration beyond the classroom, the event gives students the opportunity to connect with peers from different programs while taking part in a wide variety of fun and energetic activities. From dodgeball and relay races to creative team challenges and problem solving games, every activity encourages participants to communicate effectively, think strategically, and support one another.

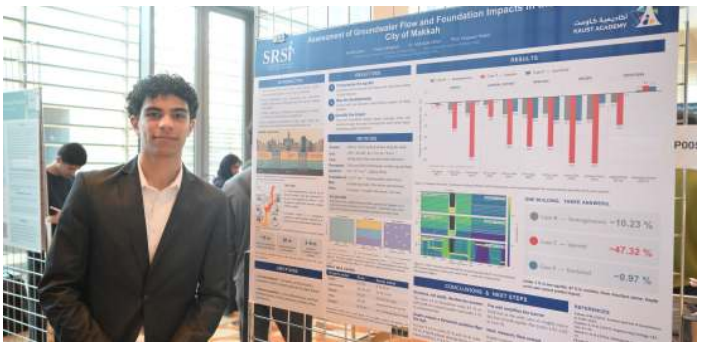
Although the competition is spirited, the true purpose of Wacky Olympics is to celebrate community. Throughout the day, students build friendships, strengthen their confidence, and develop leadership skills in an environment that values respect, inclusion, and sportsmanship. The event reminds participants that success is not measured only by winning, but also by perseverance, cooperation, and the ability to lift up those around them.

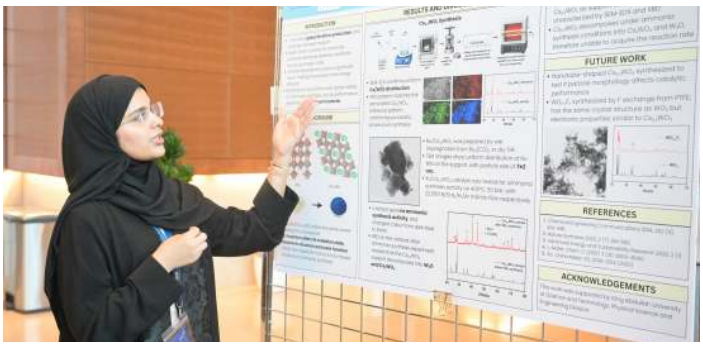
By bringing together students with diverse backgrounds, interests, and talents, Wacky Olympics reflects the collaborative culture that defines KAUST Academy. It is a day of laughter, encouragement, and shared experiences that often becomes one of the highlights of the summer. Long after the games have ended, the friendships formed and memories created continue to be an important part of each student's journey.

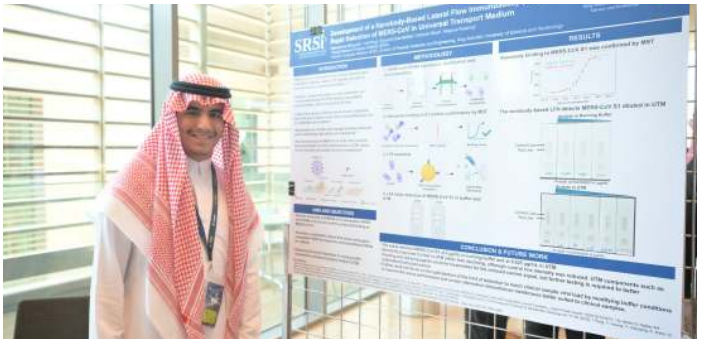


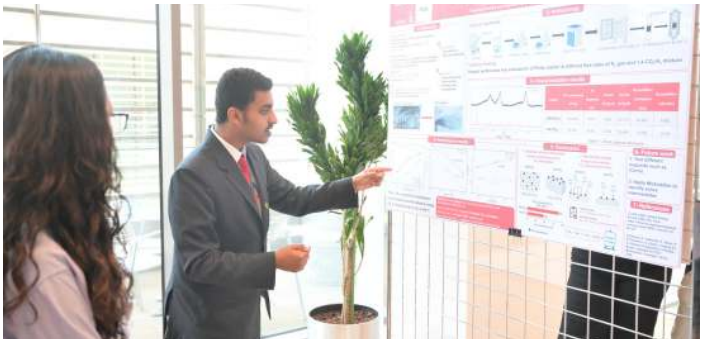


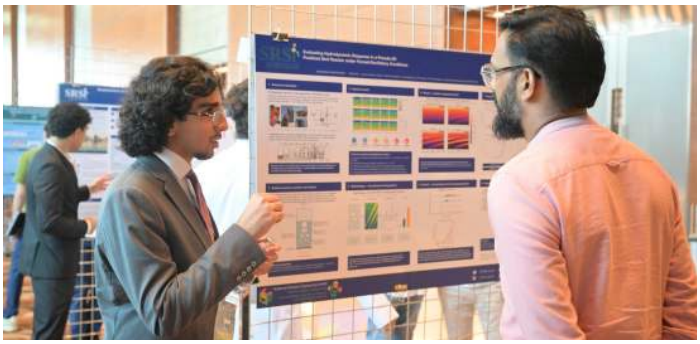


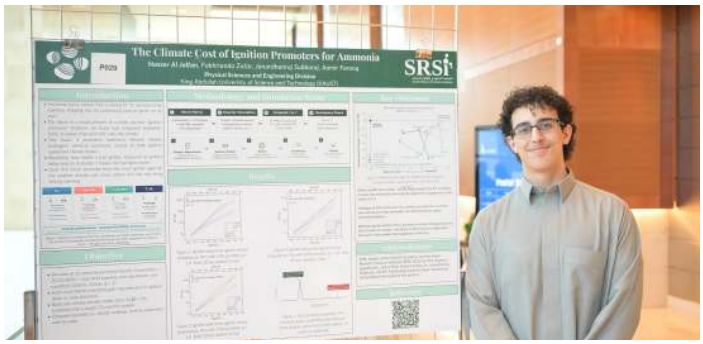

SRSi
RESULTS
~10.23 %
~47.32 %
~0.97 %

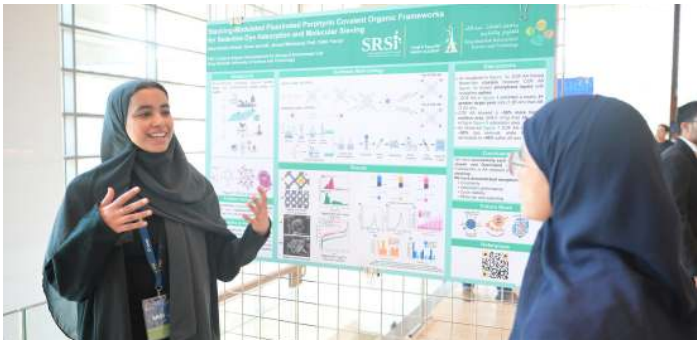

FUTURE WORK
REFERENCES
ACKNOWLEDGEMENTS

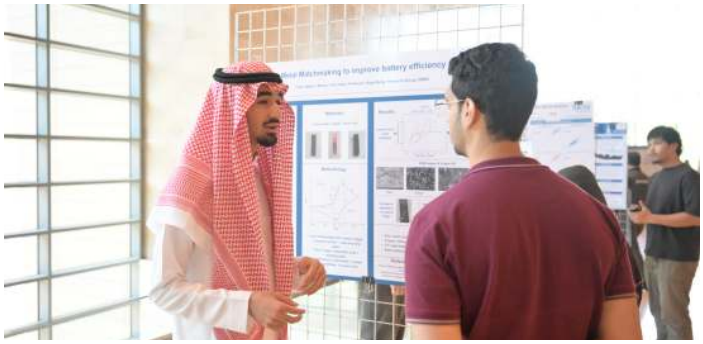

SRSi
RESULTS
CONCLUSION & FUTURE WORK

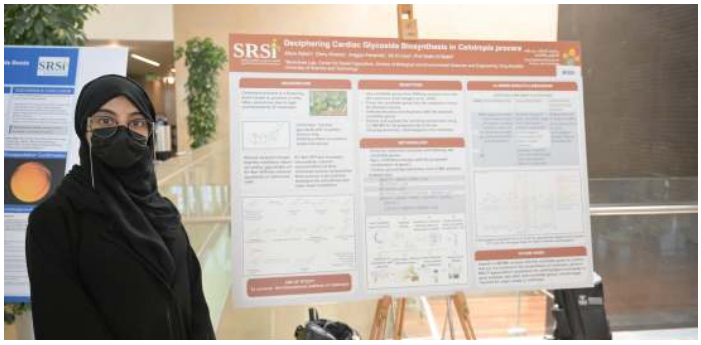


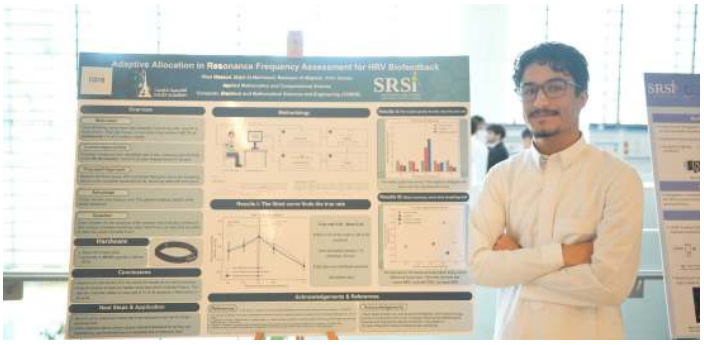



The Climate Cost of Ignition Promoters for Ammonia
SRSi


SRSi

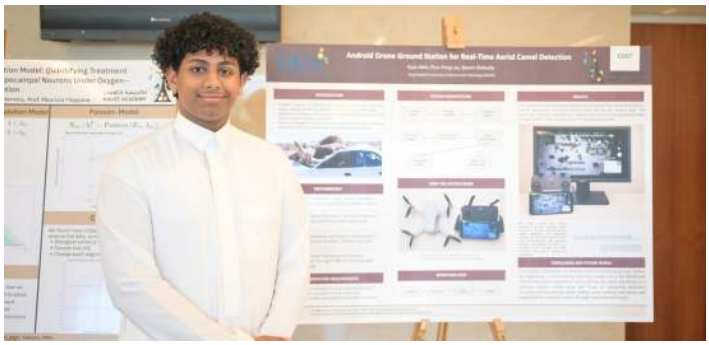


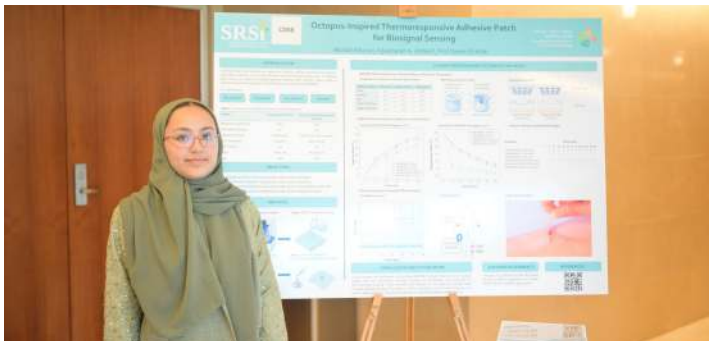

SRSi

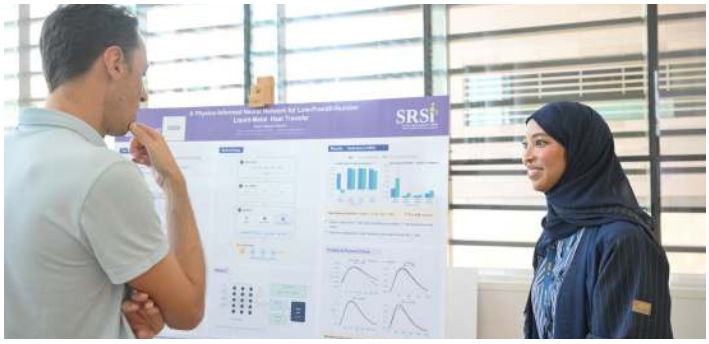

SRSi

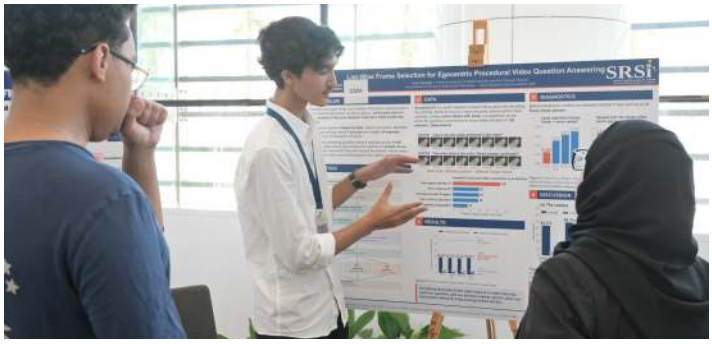






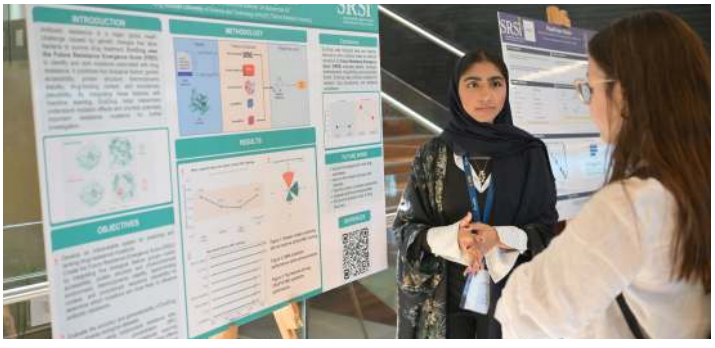


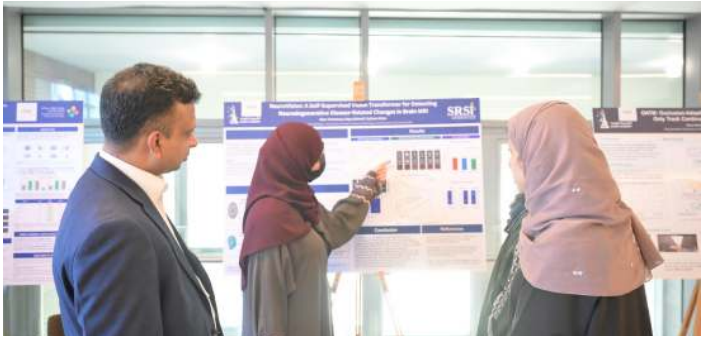


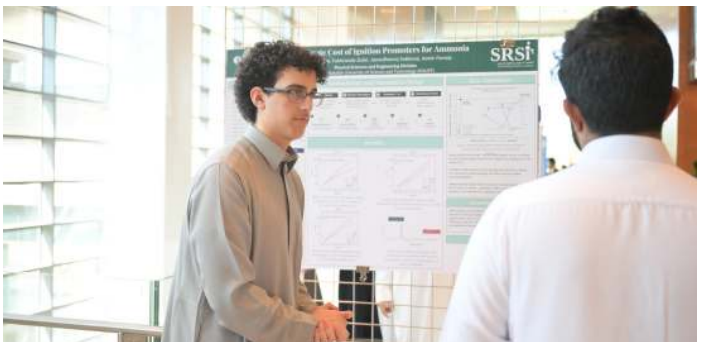


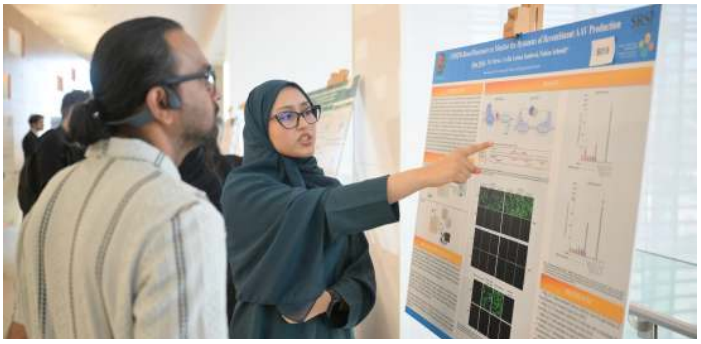
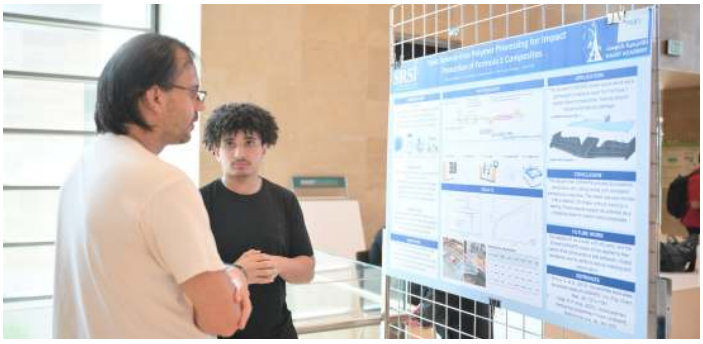


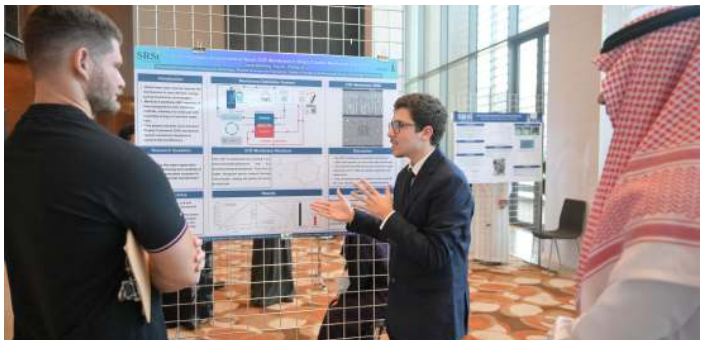


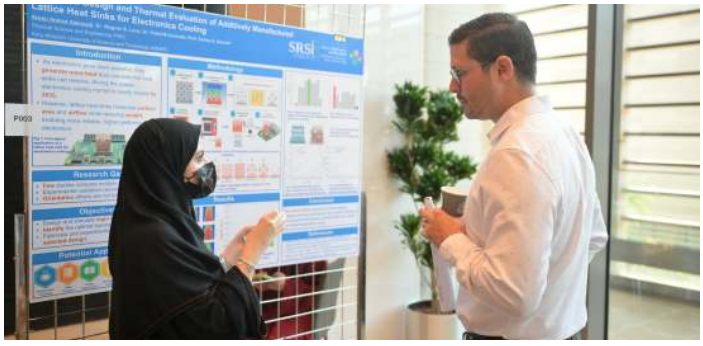
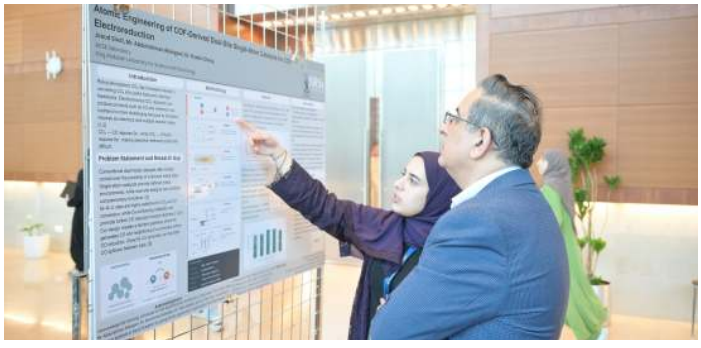













Photoshoot Day

By Mohammed Albalawi

One of the most memorable days during my time at KAUST was the photo shoot day. The purpose of the photo shoot was to take personal pictures of every student and group pictures with our tutors. Everyone was excited because it was a different activity from our usual classes, lectures, and laboratory work.

Before the photo shoot, we were told to dress neatly. Many students wore traditional Saudi clothes, including the thobe and shemagh. I brought my thobe with me to KAUST, but I forgot to bring a shemagh. I only realized this problem shortly before it was time to take the pictures. At first, I was worried because I wanted to look complete and formal in my personal photo.

Fortunately, one of my friends helped me by lending me the shemagh that he was wearing. He took it off and gave it to me so I could wear it for my picture. I was very thankful because he helped me avoid taking the photo without a shemagh. I quickly put it on and prepared myself for the photo shoot.

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SCAVENGER HUNT

By Sara Almutairi

"Wait, no, not that one—okay actually, I think it's this!" That was the constant chaos of my afternoon during the SRSI girls' photo scavenger hunt, an event that turned every familiar corner of campus into something we suddenly had to look at twice. We weren't just handed a list of places to snap pictures of. We were handed riddles, little poems that hid a location inside them, and it was on us to untangle the words before someone else got there first.

Our team moved like one big scattered brain, splitting up, circling back, arguing over what a line "really meant," standing in front of the exact spot the riddle described and still somehow not seeing it, until suddenly someone would gasp and go "OH MY GOD, IT'S THIS ONE," and we'd take off running like we'd just cracked something top secret. Every solved clue got relayed straight to our leader, who sent it flying off to her ExCor, and for a few hours campus felt less like campus and more like the setting of our own ridiculous mission.

Baskin Robbins ice cream was waiting for the first three teams, and that alone had everyone sprinting, laughing, and yelling directions at each other across the grass. But somewhere between the wrong turns and the right guesses, the prize stopped being the point. What stayed with me was rediscovering places I'd walked past a hundred times without really seeing them, and realizing how much closer I'd gotten to my team without even noticing it happening.

By the end, out of breath and a little sunburnt, I remember not wanting it to be over. It's one of those SRSI memories I'll keep coming back to.



COLLEGE FAIR

By Abdulrahman Al-Ansari

I attended a college fair at KAUST where graduates from different universities spoke about their experiences. Some of the universities represented were MIT, UC San Diego, Texas A&M, and the University of Toronto. The fair helped students learn more about university life, admission, and studying abroad.

Each graduate talked about their university in a simple and honest way. They explained what the classes were like, how difficult the work could be, and what students usually do outside class. They also answered questions about applications, scholarships, housing, and choosing a major. I found this useful because the information came from people who had actually studied at these universities.

I was most interested in hearing about engineering programs. The graduates from MIT and Texas A&M spoke about the amount of work students have to do and the importance of managing time. The UC San Diego and University of Toronto graduates also talked about campus life and what it is like to live far away from home.

Another good part of the fair was seeing people who had recently graduated from my school. Some of them had been accepted into KGSP. It was nice to meet them again and hear about what they had done after graduation. Since they were students at my school not long ago, their advice felt more realistic and helpful.

The college fair was an extraordinary experience. It gave me a clearer idea of what different universities are like and what I should prepare for in the future. It also made studying abroad feel more possible.









SHARK TANK

By Sara Almutairi

The SRSI × STEPs Shark Tank experience was a great opportunity to work with people I had not met before and learn from different perspectives. One of the things I appreciated most was collaborating with students from the STEPs program. Although we came had different ways of thinking, we were able to work together toward a common goal while making the process enjoyable.

Throughout the competition, our team spent time brainstorming ideas, discussing different approaches, and building a solution that reflected everyone's input. Working with new people required communication, flexibility, and a willingness to listen to one another. I learned that even when team members have different opinions, those differences can lead to stronger ideas when everyone is open to collaboration. One of my favorite parts of the experience was how naturally our team got along. While we took the project seriously enough to give it our best effort, we also made sure to enjoy the process.

We joked around during brainstorming sessions, created inside jokes, and kept the atmosphere light, which made working together much more comfortable. That balance between staying productive and having fun helped everyone feel more confident sharing ideas and made the teamwork feel natural rather than stressful.

Presenting our final idea to the judges gave me the chance to practice explaining our work clearly and confidently. It also showed me how much can be accomplished when people with different skills contribute to the same project.

Overall, the SRSI × STEPs Shark Tank experience was a valuable part of the program. It allowed me to meet new people, build connections with STEPs students, and experience what it is like to collaborate with a diverse team. More than anything, it reminded me that teamwork is not just about dividing tasks but about listening to different ideas, supporting one another, and enjoying the process of creating something together.





POSTER SYMPOSIUM

By Joann Alhebshi

Attending the SRSI Poster Symposium was one of the most engaging experiences of the program. The event brought together SRSI alumni, master's and PhD students, ISEF nominees, and researchers from many different fields. Walking through the symposium and seeing such a wide range of projects made the whole experience feel exciting. Every presenter had a different story behind their research, which made the posters feel more personal than simply reading about the results.

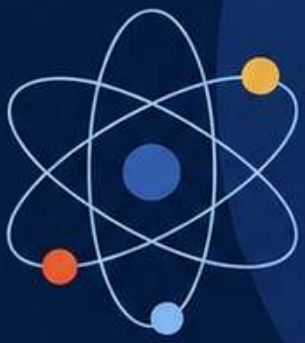
A few presentations especially stood out to me. Raya's AI project caught my attention because it showed how technology can be used to make Arabic text easier to understand. I also enjoyed Abdulaziz Alomair's presentation about antennas, since it introduced me to an area of engineering that I do not normally explore. Hanadi Hassan's poster was another memorable one, and I liked hearing how her research developed and what motivated her to work on it.

I did not need to fully understand every technical detail to appreciate the creativity and effort behind each project. The best part of the symposium was being able to speak directly with the researchers. They answered questions, explained their ideas clearly, and shared some of the challenges they faced. This made research feel more approachable and showed me that every strong project begins with curiosity, mistakes, and gradual improvement.

The symposium also inspired me to think more carefully about my own poster. Seeing different layouts, colors, visuals, and presentation styles gave me ideas for how to make my research easier to understand and more interesting to look at. Overall, the event broadened my perspective, introduced me to new fields, and made me even more excited to present my own work.

PHOTO GALLERY
















KAUST














Daniel
The cooler Daniel



















































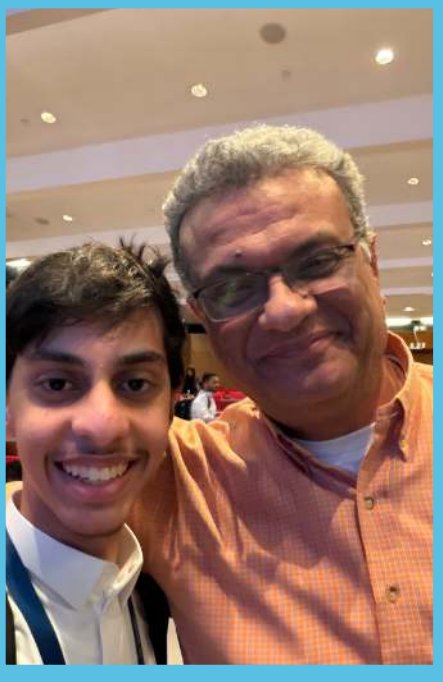















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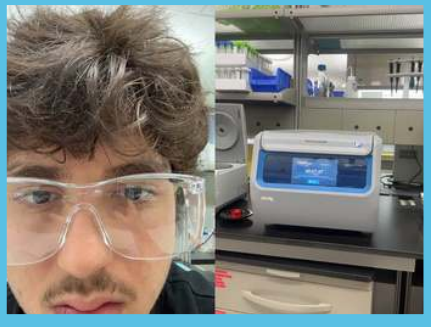























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