



”INTERNATIONAL SOCIETY OF MUSLIM WOMEN IN SCIENCE (ISMWS)”

Motto: ”Stay in Science (Basic or Applied)”

Practice: ”Keep some hours for our intellectual nourishment
everyday.”

The more we use our brain and mind, the more beautiful we look.

- Members: 266 from 30 countries

Founder & President: Dr. Sultana N. Nahar
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Established: April 2010

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Newsletter 5, November 2018

President’s greetings:

”Assalamu alaikum! Pray this finds you all in excellent spirit and health.

Pray for new and continued successes for our members and making impact and advances in their respective field in 2019 and onward. With my very best wishes for everything you are doing,

- Sultana Nahar”

- Please send your updates to ISMWS Editors. ISMWS Editors are:

1. Prof. Beenish Saba, Environmental Engineering, Arid Agriculture University, Pakistan,
Email: beenishsaba@uaar.edu.pk

2. Prof Faiza Shujat. Mathematics, Taibah University, Saudi Arabia,
Email: faiza.shujat@gmail.com

NOTICES:

- ISMWS members in-charge for maintaining social media networks are:

- **facebook:** Rubiya Samad, Ph.D. Scholar in Physics, University of Kashmir

- **Instagram:** Rubiya Samad, Ph.D. Scholar in Physics, University of Kashmir

- **twitter:** i) Prof. Fatma Azmy, Dept of Mathematics, Al Azhar University

ii) Dr. Dana Saif Akil, Dept of Physics, American University in Cairo

- **linked:** i) Prof. Fatma Azmy, Dept of Mathematics, Al Azhar University

ii) Dr. Dana Saif Akil, Dept of Physics, American University in Cairo

- **website:** Prof. Sultana N. Nahar, The Ohio State University

- ISMWS Gallery has limited number of passport size pictures with a few words below each picture giving the best designation of the member. This can be expanded for the strength of ISMWS by including other members. So email a passport size picture and the best designation for yourself when you can.

NOTES:

- Share your news with others.
- Visit ISMWS website for various opportunities

HIGHLIGHTS & SUCCESS STORIES OF OUR MEMBERS

Our hearty congratulations and prayers for their continued success:

ACHIEVEMENTS:

- **Prof. Lotfia El Nadi, Cairo University:** Has been elected to be the member of "The International Committee on Ultra-High Intensity Lasers (ICUL)" to represent Egypt and North Africa. Two ICUL members are recipients of 2018 Nobel prize for wide applications of laser for high intensity and surgeries
 - She presented at a Nanotechnology conference in Dubai in April 2018 and got recognition - a model at age 84 (picture later)
 - Our hearty congratulations and pray flourishing laser experiment in Cairo University
- **Prof. Farukh Arjmand, Aligarh Muslim University:** Received i) recognition plaque for her contributions in "Women in STEM Roadshow" project (PI: Sultana) and ii) continued successful contributions in Chemistry certificate on the International Women's Day 2018
- **Swaleha Naseem, Aligarh Muslim University (AMU):** Received recognition plaque for her contributions in "Women in STEM Roadshow" (WSR) project and Rising Scientist certificate on the International Women's Day 2018

MEMBERS EARNING DEGREES:

- **Dr Mahvish Ali, Aligarh Muslim University, India:** Received her Ph.D. in Mathematics in 2018 and was a recipient of the Alburuj R. Rahman best Ph.D. thesis prize at AMU.
 - She is a recipient of one most prestigious UGC-Dr.D.S. Kotheri Postdoctoral Fellowship in Mathematics. Her advisor Prof. Subuhi Khan, an ISMWS member, wrote "* She is the first Ph.D. D. student from the Department of Mathematics, AMU to receive this prestigious fellowship. * She is one among the only two recipients of the Fellowship in Mathematics from all over India (in the current slot)"
 - Our hearty congratulations for her achievement and pray for success in her honored position
- **Dr. Sabiha Parveen, Aligarh Muslim University (AMU):** She has got her Ph.D. in 2018 with joint research at the Ohio State University and has a position at AMU
 - Received recognition plaque for the "Women in STEM Roadshow" and Rising Scientist certificate on the International Women's Day 2018
- **Dr. Hira Mirza, Quaid-i-Azam University, Pakistan:** She has received Ph.D. in Microbiology
 - She was a Fulbright Fellow for research at Ohio State University
- **Dr. Rubiya Samad, University of Kashmir, India:** She has received Ph.D. in Physics.
 - She received S.N. Nahar Best Presenter prize at the international Aligarh- NANO V conference, 2016, PI award of the Women Scientist Science of DST-India.

PROFESSIONALS:

- **Dr. Asma Jabeen, Environmental Sciences Department, Fatima Jinnah Women University, Pakistan:** She was invited for presentation by Conservation Institute in the USA. She wrote in September 2018 "Last month i visited first time in USA in San Diego, California. I was invited by a Conservation Institute for a 3 day workshop. Thanks to Allah I got visa for USA for five years. The workshop people gave me return ticket and four nights stay. I visited many place in world but the people of USA are really very good, cooperative and helping. I like their hospitality and feel safe . I learn and enjoy a lot."
 - Our hearty congratulations Asma! Pray for your continued achievements.

Prof. Noor-e-Zahra, Princess Norah University in Saudi Arabia: A faculty of Engineering at Sharda University in India, moved to a university in Ethiopia, and now has moved to Princess Norah in Saudi Arabia. We all have a special place in heart for Saudi Arabia. Pray for her success at Princess Norah.

- Noor was the Local Expert of Delhi for the "Women in STEM Roadshow" (WSR) project and received recognition plaque for her contributions

• **Dr. Rahla Nagma, The Ohio State University:** She just completed her SERB Fellowship at the Ohio State with Sultana Nahar and went to Indian Institute of Technology - Indore where she has made presentation and working for a prospective position. In one year she has published a Monthly Notice of Royal Society of Astronomy letter on electron collision on phosphorus, a very important work relevant to search of extraterrestrial life in space, made presentation on another project on chlorine and is continuing her work at OSU.

• **Nigma Mostafa, Company engineer in Ohio, USA:** She was the selected speaker of her company at the company conference held in Norway.

• **Dr. Nasreen Haque, President of Intalage Inc., USA** Received recognition Indian emblem plaque as an international expert and for her exceptional contributions to Women in STEM Roadshow

• **Prof. Somaya Saad, National Research Institute of Astronomy and Geophysics, Egypt:** She was the local organizer and a lecturer for the International School of Young Astronomers (ISYA) of IAU (International Astronomical Union) for Africa 2018 held in Egypt and did excellent job for the successful operation of the school for 2 weeks and participants from 17 countries. Hearty congratulations!

- Sultana Nahar was an international lecturer at the ISYA.

• **International Women's Day 2018:** ISMWS collaborated the celebration at the Indo-US APJ Abdul Kalam STEM Education and Research Center of OSU-AMU at AMU with support of WSR. Number of ISMWS members participated and worked for it including Dr. Hala who sitting in the US Institute, NIST, made all the certificates for recognition. Participants of Aligarh WSR joined and expressed their dream of being future scientist in their respective field of interest.

- Professor Qudsia Tahseen, an ISMWS member, was honored as the Chief Guest.

• **Women in STEM Roadshow (WSR) Project The Ohio State University (PI: Sultana Nahar):** Sultana received the US Department of State grant during 2017-2018 for the project to hold 9 workshops in 6 cities of India with the objective to motivate Indian female college students of minority (Muslims, Shikhs, Christians) and disadvantaged (lower cast Hindus) groups to choose STEM field for study and profession, go to USA for higher degrees. As mentioned above, Dr. Nasreen Haque joined as an International Expert for lectures, and members Prof. Farukh Arjmand Dr. Sabiha Parveen and Swaleha Naseem of Aligarh Muslim University (AMU), and Prof. Noor-e-Zahra of Sharda University joined as Local Experts. All participated in presentations. The workshop messages were based on the objectives of the ISMWS and was mentioned in the lectures. Among the 10 Chief Guests, two were most notable, i) Manipur Governor and Chancellor of Jamia Millia Islamia (an Indian central university in Delhi), Dr. Najma Heptullah who got her Ph.D. in Zoology and became a professor at age 22. She moved to administration to bring changes in technology and research in India. ii) Chief Minister of West Bengal, Mamata Banerjee, who is also a poet and did Masters thesis on Islamic History, is a strong leader. The impact of the project was enormous as students and mentors wrote back in the follow-ups.

• **Sultana N. Nahar, The Ohio State University, USA:** She presented an invited talk at the Supernovae workshop held at the Weizmann Institute of Science (WIS), Israel in June

2018. It gave her the opportunity, compliment of WIS, to visit Dome of the Rock and Al Aqsa Mosques, and work with President Dr. Al-Sharafi of Al Aqsa University in Gaza who came to the mosques to meet her.

ORGANIZATIONS:

- **”ISMWS at Ohio State”**, ISMWS student chapter at OSU, is continuing for the 2nd year 2018-2019 with Nishat Khan of Public Health as the & S.N. Nahar as the Faculty Advisor
- **Dr. Maria Bergemann, Max Planck Institute, Germany:** She is leading her research group and organizing the chemical evolution conference every year

DEPARTURE OF A VALUABLE MEMBER

- **Dr. Mona Bakr, Cairo University:** With a heavy heart we pray may Allah bless her soul in paradise. After her Ph.D. at Georgia Tech, USA, she moved to Egypt. She rose quickly with her research and was leading a nanotechnology team of 22 postdocs and students when I met her in 2013. They contributed considerably in the field. She was given the position of the Director of nanotechnology at National Institute of Laser Enhanced Sciences (NILES) where she built the lab and completed it before passing away in 2017. She knew the incurable sickness she had and wanted to complete her responsibility and did.
 - She received high recognition in Egypt.
 - ISMWS recognized her exemplary work in 2014.

ISMWS Pictures



• L: Prof. Lotfia El Nadi at Nanotechnology conference, R: Dr. Mona Bakr (left most) showing high resolution image from electron microscope in 2013



L: Sultana addressing at the Aligarh session and R: Certificate ceremony at Hyderabad of Women in STEM Roadshow project 2018

ISMWS Pictures



- L: Somaya (at right corner of the banner) in our group picture of ISYA at Kottamia observatory, R: Touching the Rock used by prophet Muhammad (SAS) to climb on Al-buruq to meet Allah. Behind the railing is the stone where prophet Ibrahim (AHS) was sacrificing his son.



- L: In front of Al Aqsa mosque, R: Sultana, a single Muslim, presenting an invited talk at the "A star was born" conference in Italy, April 2018

- *This newsletter was prepared by Sultana N. Nahar*