

International collaboration data gathering for SDG

The Women University of Azad Jammu and Kashmir (WUAJ&K) has collaborated with various international universities to collect, share, and analyze data. This collaboration involves academic researchers working together to address global challenges such as poverty, climate change, education, and health. WUAJ&K collaborates with many international institutions, such as **(Evidence at Annex. I)**

- 1. University of Minnesota, USA**
- 2. National University of Singapore**
- 3. Queen Maud University, Norway**
- 4. The Mexican Materials Research Corporation (COMIMSA) Mexico**
- 5. The University Sains Malaysia**



Annex. I

UNIVERSITY OF MINNESOTA

Twin Cities Campus

*School of Mathematics
College of Science & Engineering*

*127 Vincent Hall
206 Church Street S.E.
Minneapolis, MN 55455
Fax: 612-626-2017
Website: www.math.umn.edu*

March 17, 2023
Qurrat Ul Ain
AIR University
Islamabad
PAKISTAN

Dear Qurrat,

I am pleased to invite you to visit the School of Mathematics at the University of Minnesota, Minneapolis, Minnesota, for the period May 1, 2023, through April 30, 2024 as a Student-Intern. Your mentor will be Professor Li Wang. The objective of this internship is to provide you with experience in neural network based PDE solvers. Specific tasks include literature review, code writing and manuscript drafting. This experience will count towards your Ph.D. degree at Air University Islamabad, Pakistan.

My understanding is you have received financial support from your government, as the department is unable to provide with direct salary, scholarship, or stipend. The support you receive should cover all of the expenses of your stay at the university including health insurance, housing, sustenance and transportation. If you have any dependents, you are responsible for all expenses of their stay.

The department will provide you with office space, access to email, access to the library and opportunities to participate in seminars, workshops, and other professional and social activities of the department.

The University of Minnesota requires all J-1 student-interns and J-2 dependents to purchase U of M health insurance. As you are not eligible for U of M employee benefits, you must purchase the Student Health Benefit Plan (SHBP) for international scholars. Coverage under the SHBP is guaranteed for incoming J-1 scholars and J-2 dependents from the day they arrive at the U of M. Your payment for the SHBP will allow you to be seen at Boynton Health Service for most services at no cost and some services at a reduced cost. Contact the Office of Student Health Benefits for more information about this plan (<https://shb.umn.edu/students-and-scholars/shbp-eligibility>).

DO NOT purchase other health insurance plans from your government or private insurance providers; otherwise, you will pay for two insurance policies. This health insurance requirement is addressed in your Statement of Responsibilities that you sign as part of requesting your DS-7002

Over the next few weeks and months, I will contact you for the required documents and appreciate your response in a timely manner.

Please contact me at mathdept@umn.edu with any questions. We look forward to welcoming you to the University of Minnesota!

Best regards,

Katherine Dowd

Katherine Dowd
Administrative Director



Dr. Abu-ul-Hassan Faiz
Department of Zoology,
Women University of Azad Jammu and Kashmir Bagh,
Bagh, Pakistan

Trondheim 18.10.2023

Invitation letter

We hereby invite Dr. Abu-ul-Hassan Faiz to conduct research on attitude towards biodiversity in Zoology and Childhood Education students in cooperation with Prof. Claudia Melis and colleagues at Queen Maud University College for Early Childhood Education (Trondheim, Norway).

Best regards

Claudia Melis

Claudia Melis
Professor in Natural Sciences

+47 73 56 83 36 | cme@dmmh.no | dmmh.no
DMMH, Thron Nergaards veg 7, 7044 TRONDHEIM





GOBIERNO DE
MÉXICO



CONACYT
Consejo Nacional de Ciencia y Tecnología



Saltillo Coahuila México. August 30 2023

To whom it may concern:

It is a pleasure for me to comment that during the last 7 years your server Dr. Díaz-Guillén and the Surface Engineering Group of COMIMSA, have been working in scientific investigations in very close collaboration with Senior Professor **Dr. Muhammad Naeem**, who currently working as Researcher in the Women University of Azad Jammu And Kashmir. Because of this collaborative work, several scientific papers has been generated and published in prestigious international journals.

I also want to express that due to personal collaborative work and good institutional relationships, here in COMIMSA, a governmental materials research center, Dr. Naeem has access to several materials characterization and processing equipment. We consider that the wide experience of Dr. Naeem in related research field as well as the availability of this equipment will contribute to get, unquestionably, the goals and objectives set on proposal titled "**Design, fabrication, and wear mechanism of hierarchical nano boride coatings for high-speed machining tools**".

Among the available equipment, the following stand out:

- Scanning Electron Microcopy equipped with EDS, EBSD and WDS techniques.
- X-ray diffraction technique in normal, grazing incidence and high temperature modes.
- Turbomolecular pumped sputtering coater of oxidizing metals.
- Pin on Disk Tribometer with capacity for register friction coefficient and carry wet tests at different normal loads and test velocities.
- Nano indentation technique with capacity to carry cyclic tests at variables frequency, and to determinate mechanical moduli.
- Vickers, Rockwell and Brinell scales hardness.
- Equipment for metallic samples preparation and metallographic analysis.

As a request of Dr. Naeem, the present is extended in Saltillo Coahuila, México in August 2023.

Sincerely,

Dr. Juan Carlos Díaz-Guillén
Surface Engineering Group Researcher
COMIMSA-CONACYT
jcarlos@comimsa.com
+52 (844) 4113200 Ext 1320

Ciencia y Tecnología No. 790, Col. Saltillo 400, CP. 25290, Saltillo, Coah., México.
Tel: +52 (844) 411 3200 www.comimsa.com.mx



2023
Francisco
VILLA



Re: Letter for Dr. Shoaib Amjad

08/21/2024

To Whom it may concern:

I am a senior scientist at the Institute of Natural Products and Agrobiology, where I investigate biotechnological applications from various organisms' immune systems, especially for their innate immune defenses against pathogenic environments. I have developed strong interests in biotechnology, macromolecules, antimicrobials, IgY antibodies, peptides and epitopes. From September 2020 to 2023, I led a project on the use of nanotechnology for antimicrobial applications in agriculture. Through my ongoing research on these topics, I became aware of the work of Dr. Amjad, with whom I had never worked before. In particular, the use of synthesizing metallic nanoparticles using green chemistry approaches. We then started a collaboration, during which several scientific papers were produced and published in prestigious international journals. More specifically, the following:

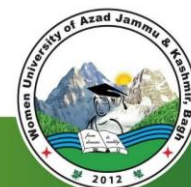
- Sarwer, Q., Amjad, M. S., Mehmood, A., Binish, Z., Mustafa, G., Farooq, A., ... & Pérez de la Lastra, J. M. (2022). Green synthesis and characterization of silver nanoparticles using *Myrsine africana* leaf extract for their antibacterial, antioxidant and phytotoxic activities. *Molecules*, 27(21), 7612.
- Haq, S. M., Yaqoob, U., Majeed, M., Amjad, M. S., Hassan, M., Ahmad, R., ... & Morales-De la Nuez, A. (2022). Quantitative ethnoveterinary study on plant resource utilization by indigenous communities in high-altitude regions. *Frontiers in Veterinary Science*, 9, 944046.
- Zulfīqar, H., Amjad, M. S., Mehmood, A., Mustafa, G., Binish, Z., Khan, S., ... & Pérez de la Lastra, J. M. (2022). Antibacterial, antioxidant, and phytotoxic potential of Phytosynthesized silver nanoparticles using *Elaeagnus umbellata* fruit extract. *Molecules*, 27(18), 5847.
- Hassan, M., Haq, S. M., Amjad, M. S., Ahmad, R., Bussmann, R. W., & Pérez de la Lastra, J. M. (2023). Invertebrates and herptiles for livelihoods—ethnozooological use among different ethnic communities in Jammu and Kashmir (Indian Himalayas). *Frontiers in Pharmacology*, 13, 1043155.

It is a pleasure for me to comment that Dr. Muhammad Shoaib Amjad (currently working as assistant professor in Department of Botany. Women University of Azad Jammu and Kashmir, Bagh, Pakistan) is an eminent scholar in the field of agronomy, specializing in soil science, plant fertilization, and animal and human nutrition. His proficiency in these areas has earned him an outstanding skill in areas such as: environment, soil analysis, vegetation, phenology, conservation, plant ecology, vegetation, biodiversity, medicinal plants, phytochemicals, ethnobotany, and plant conservation.

I also want to express my gratitude for this personal collaborative work and good institutional relationships.

With sincere regards,

Prof. Dr. José Manuel Pérez de la Lastra
Head of the Biotechnology of macromolecules research group
Instituto de Productos Naturales y Agrobiología (IPNA)
Consejo Superior de Investigaciones Científicas (CSIC)





Date: 8th August 2024

To Whom It May Concern

I am writing to confirm my longstanding professional relationship and collaboration with Dr. Munazza Zahra. I have known Dr. Zahra since 2018, and over the years, we have had the opportunity to work together on several research papers. Dr. Munazza Zahra is currently serving at the Women University of Azad Jammu and Kashmir. She is also a lifetime member of the Association of International Business & Professional Management (AIBPM) since 2023.

Dr. Zahra has been working closely with me and my research team, contributing significantly to our collective efforts. Dr. Zahra supervised the Nusantara project during the summer semester of 2024, demonstrating her exceptional leadership and academic prowess. In addition, she was a keynote speaker at the 2023 UNCEN International Conference of Economics and Business (UICEB), where she had delivered an impactful presentation.

Our collaboration has been highly fruitful, and I am confident that we will continue to work together on future projects and initiatives. Dr. Zahra's expertise and dedication to her field make her an invaluable colleague and collaborator.

Should you require any further information or have any questions, please do not hesitate to contact me.

Yours Sincerely,



Dr. Daisy Kee Mui Hung
Associate Professor
School of Management
Universiti Sains Malaysia

Associate Professor Dr. Daisy Kee Mui Hung
School of Management
Universiti Sains Malaysia
Malaysia