



# Office Of Research Innovation & Commercialization (ORIC)

## Rawalpindi Medical University



**ORIC-RMU**  
was established  
in 2019





# Policies Developed By ORIC-RMU

- SOPs for external funding
- SOPs for internal funding
- Authorship policy
- Research Misconduct policy
- IPR (Intellectual Property Rights) Policy



# Linkages

MOU with 14 international and 42 national collaborators has been signed

S.No	University/institution	Avenue of Cooperation
1	Shaheed Zulfiqar Ali Bhutto Medical University , Islamabad	Training of postgraduate residents in cardiology and pediatric surgery
2	Global Institute of Human Development, Islamabad	Professional development courses
3	Pakistan Scientific and Technological Information Center (PASTIC), Islamabad	Joint ventures for research and training
4	The Indus Hospital, Karachi	Technical support and development of the pediatric oncology unit at the holy family hospital
5	Nishtar Medical University, Multan	Research and academics
6	Faisalabad Medical University, Faisalabad	Research and academics
7	Institute of Leadership Excellence, RIPAH University, Islamabad	Technical support and Training
8	Peoples University, Nawabshah, Sindh	University Residency Programs and Research

# ORICs OFFICIAL VISITS

COMSATS, Islamabad



International Islamic University Islamabad



FAST, Islamabad



ARID University



RIPHAH University



PASTECC Islamabad



Expo-DICE, Dow University Karachi



# International MOUs & Linkages

S.No	University/institution	Avenue of Cooperation
1	University of Liverpool, UK	Global Mental Health Program
2	The Hull York Medical School, University of York, UK	Medical Education, Population Health, Research, Health Sciences, joint academic programs including MS Clinical Anatomy, MHPE, M.Sc. Clinical Research Methods
3	Xian Jiaotong University, China	Research, chronic disease prevention and control, maternal and child health, health policy
4	National Health Service, Northern Lincolnshire, and Goole, UK	Training of Postgraduate trainees
5	Georgia State University, USA	Collaboration and research in the field of Infectious Diseases
6	London School of Hygiene and Tropical Medicine (LSHTM)	Improve quality of health among the population of Pakistan
7	Rawalpindi Medical College Alumni Australia & New Zealand	scientific and technical collaboration for the exchange of ideas, skills and techniques on problems of mutual interest



# International MOUs & Linkages

S.No	University/institution	Avenue of Cooperation
8	Wrightington, Wigan and Leigh NHS Foundation Trust, UK	Research Collaboration
9	Digestive Diseases Centre, Beijing Friendship Hospital, Capital Medical University, Beijing	Research Collaboration
10	Digestive Diseases Centre, Beijing Friendship Hospital, Capital Medical University, Beijing	Research Collaboration
11	MASHA University, Malaysia (22.3.2019)	Research Collaboration
12	Department of Microbiology, Dalian Medical University, China.	Research Collaboration
13	John Hopkins School of Public Health, America	Research Collaboration
14	University of York, UK	Research Collaboration





# Journal of Rawalpindi Medical College





# Research Supplements



**RESIDENT  
RESEARCH  
FORUM**

**RJ RMC**

**RESIDENT JOURNAL OF RAWALPINDI MEDICAL UNIVERSITY**  
November 2021    Volume: 82    ISSN Number: 1683532    www.supjournalrmc.com

**Editorial:**  
*Importance of step-down units*

**Short Communication:**  
*Global Perspective of Neurological Surgery in Covid19*

**Original Articles:**  
*Severity of 1st And 2nd Wave of COVID-19*  
*Covid-19 Vaccine Hesitancy*  
*Parental Stress in case of Chronically Ill Children*  
*Mothers Regarding the Wearing Practices*  
*Late Onset Sepsis and Factors*  
*Satisfaction Level For Online Classes*  
*Neonatal Jaundice and its Determinants*  
*In Vitro Fertilization in Patients with a Poor Ovarian Response*  
*Hemoglobin Levels After Intravenous Iron Therapy*  
*Maternal and Fetal Outcome among Pregnant Women*  
*Maternal Near Miss Cases*  
*Neoadjuvant Chemoradiotherapy In Locally Advanced Rectal Cancer*  
*Communication Skills of Postgraduate Residents*  
*COVID Positive PCR in Admitted Burn Patients*  
*Effect of COVID Pandemic on Elective Surgeries At Burn Unit*  
*Is Education a Factor Influencing Benign Cyclic Mastalgia*


**Climate Change:**  
*Garden And Health In Pakistan, A Review Article*

**Image Of The Issue:**  
*Common Bile Duct Stone Retrieval With Sphincter-tome As Retrieval Basket Effect*

**Case Reports:**  
*An un-vaccinated child with Diphtheria associated Myocarditis and Polyneuropathy*  
*Intrauterine Torsion of The Finger*  
*Isolated Sigmoid Stricture in An Infant*  
*Pseudo Aneurysm Of Thoracic Aorta*

Official Publication of Rawalpindi Medical University

**SJ RMC**



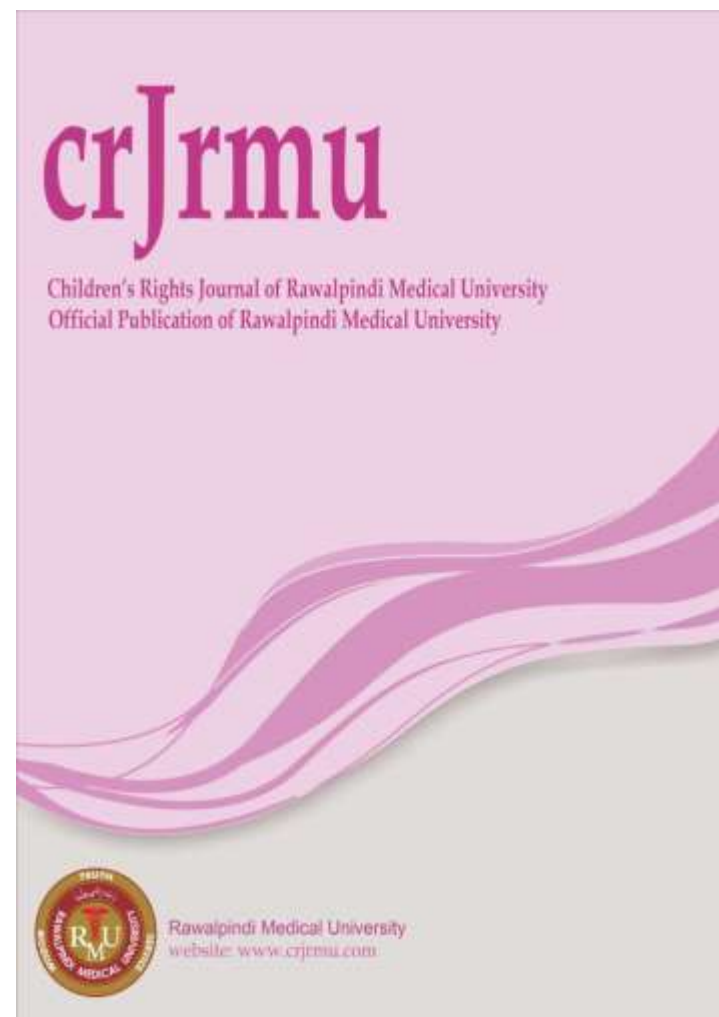
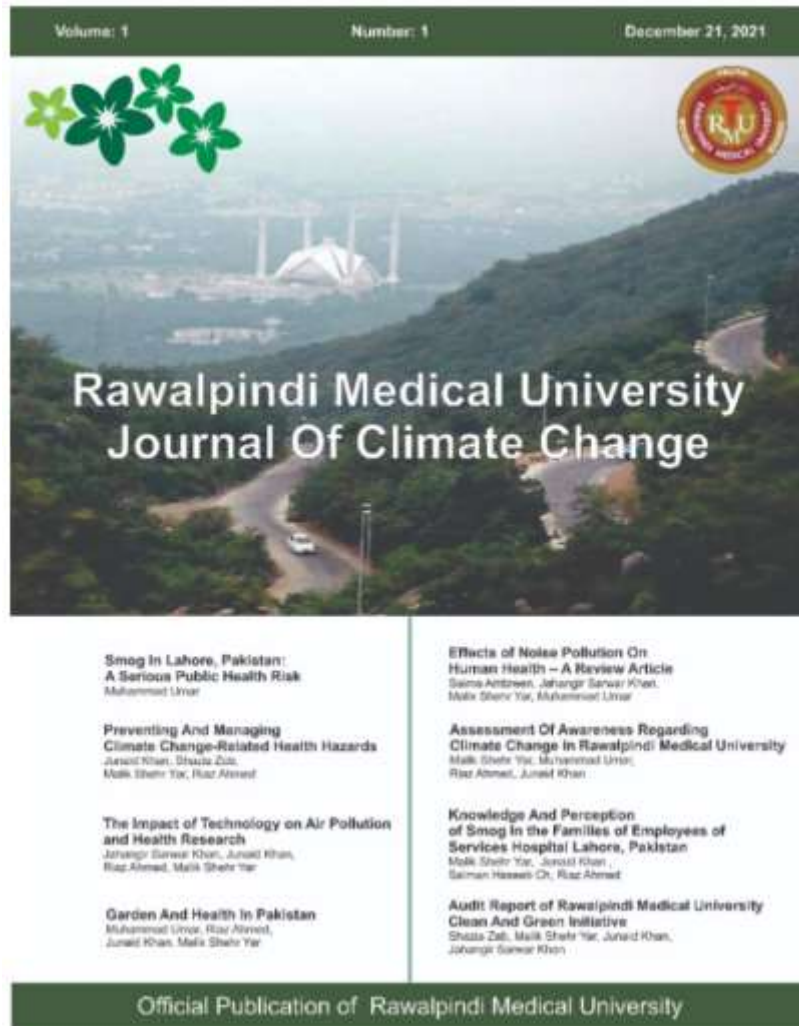
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**Students Supplement of Journal of Rawalpindi Medical College-JRMC**  
Official Journal of Rawalpindi Medical University (RMU)

Volume 2021: 25(S-1)  
Students Supplement



website: [www.journalrmc.com](http://www.journalrmc.com)  
email: [editor@journalrmc.com](mailto:editor@journalrmc.com)





# ORIC Registered Ongoing Projects

ORIC Reg. No	Ongoing projects titles	Principal Investigator	Starting	Status
3	S4 Study	Dr. Asad Tamizzudin	Jan-19	Data Analysis
4	Diagnostic accuracy of stool expert MTB/RIF for pulmonary TB in children	Prof. Rai Asghar	2020	Data Collection
5	Happy Mother Healthy Baby	Dr. Atif Rehman, Dr. Abid Malik	Aug-2019	Data Collection July-2022
14	COVID-19 Detection from chest X-rays using deep learning	Dr. Hana Mahmood/ Dr Tabish hazir (Focal person from RMU Dr Misbah Durani)	1 <sup>st</sup> September 2020	Xrays acquired from BBH- Computational model being prepared- Journal of Global health being targeted for publication
15	Effects of COVID-19 on pregnant women, and their new borns, a prospective cohort study	Dr. Hana Mahmood / Dr tabish Hazir with Dr Shazia Syed	1 <sup>st</sup> august 2020	Muticenter study- Data acquired from RMU- More collaborators required to complete data sample.
13	Computational modeling for COVID-19 epidemic in Pakistan	Prof. Dr. Aamer Ikram-NIH / Dr. Naeem Akhtar	2020	Samples collected- Analysis in progress



# Completed Projects

ORIC Reg. No	Completed	Principal Investigator	Starting	Status
2	BEACON	Dr Asad Tamizzudin	Jan-19	Published
8	Changing antimicrobial resistance pattern in intensive care units of RMU and Allied hospitals	Dr Shireen Rafiq, Liaison (focal person) Dr Kiran Pathology	2020	Sent for publication
10	PROTECT TRIAL	Prof. Muhammad Umar	6 <sup>th</sup> April 2020	Study protocol Published
19	Investigating immunological markers of covid-19 patients in association with co morbidities	Prof. Dr. HABIB BOKHARI/Dr Aftab	20 <sup>th</sup> August till 28 <sup>th</sup> February 2021	Sent For Publication
20	Treatment regimens used for management covid-19 and their effectiveness	Dr. Hashaam Akhtar	June 2020 till 1 <sup>st</sup> September 2021	Publications (Attached)
1	(SMI Study)	Dr Asad Tamizzudin	Jul-19	Protocol Published (Attached), data collection competed, Analysis on going
17	Evaluation of risk of infectivity of SARS-COV2 virus via tears and conjuctival secretion of COVID-19 patients	Dr. Ambreen Gul	2020	Submitted in Journal of Ophthalmology
11.	Experimental use of COVID-19 convalescent plasma for the purpose of passive immunization, in current covid-19 pandemic in Pakistan in 2020	Dr Tahir Shamsi, Dr Lubna Meeraj		Data collection complete. Analysis and publication in process





# International Projects

ORIC Reg. No	Ongoing Project titles	Principal Investigator	Starting
001	Baseline survey of prevalence of physical illnesses and health seeking behavior in SMI patients (SMI Study)	Prof Asad Nizami	Jul,2019
002	CMD-NCD intervention study with packages of behavior change interventions of patients Of Non communicable diseases with common mental disorder(BEACON)	Prof Asad Nizami	Jan, 2019
003	SMI-LIFE STYLE Intervention study with packages of behavior change interventions targeting the modifiable health risk behaviors(tobacco use )IMPACT 4S Study	Prof Asad Nizami	Jan, 2019
005	Happy Mother Healthy Baby	Dr. Atif Rehman	Aug, 2019



# ORIC Director's Meeting Twin City Research Consortium

## ORIC DIRECTORS MEETINGS

**Date:** February 02, 2021

**Time:** 11 AM to 01 PM

**Venue:** Syndicate Hall, Main Campus; RMU  
Tipu Road, Rawalpindi

**Contact:** JRMC Office, Old Teaching Block  
051-9330064  
Dr Arsalan Manzoor Mughal  
0334-3911629  
oric@rmur.edu.pk

### Agenda:

- Welcome Note by Prof Naeem Akhtar (Director ORIC)
- Vice Chancellor Note by Prof Muhammad Umar (VC RMU)
- ORIC RMU Presentation by Dr Arsalan Manzoor Mughal (Manager Research Operations)
- Interactive Discussion by Prof Asad Nizami (Asst director ORIC)
  1. Challenges in Establishing ORIC in Medical Universities
  2. Challenges of Human Resource, Financial Assistance & Grants of ORIC
  3. Development of a Research Consortium for Linkages & Collaboration
- Visit to Research Unit
- Refreshments

**RAWALPINDI  
MEDICAL  
UNIVERSITY**





# ORIC Director's Meeting Twin City Research Consortium

S. No	Name	Designation	Institution
1.	Adeel Ahmed	Assistant Director	Bahia University, Islamabad
2.	Dr Nabila Zaka	Director ORIC	Health Services Academy, Islamabad
3.	Dr. Syeda Kiran Riaz	Deputy Director	Shaheed Zulfiqar Ali Bhutto
4.	Air Cdre(R) Afzaal Ahmed Khan	Director ORIC	Air University, Islamabad
5.	Dr. Hazirullah	Director ORIC	Quaid-e-Azam University, Islamabad
6.	Wg Cdr (R) Tariq	AD NORIIC	NUTECH
7.	Dr. Mushtaq Ahmed	Director ORIC, Professor of Physics	International Islamic University, Islamabad
8.	M. Asif Javed	Manager Research	Foundation University, Islamabad
9.	Dr. Hammad Naveed	Director ORIC	NUCES-FAST
10.	Dr Shoaib Akhtar	Director ORIC	Fatima Jinnah Women University, Rawalpindi
11.	Abdul Moeed	Additional Director	Foundation University, Islamabad
12.	Dr. Saima Nasir	Additional Director	AIOU, Islamabad
13.	Jamila Ahmed	Manager UIL	AIOU, Islamabad
14.	Prof. Dr. Rukhsana Khan	HOD Community Medicine Department	Fazaia Medical College, Air University, Islamabad.





# Trainings & Courses

## Grant Proposal Writing Workshop



# Trainings & Courses

## 6 Months CHR Course



COURSE ADMINISTRATIVE  
COORDINATOR



Dr. Shazia Zeb

COURSE CO-DIRECTORS



Dr. Faiza Aslam



Dr. Sidra Hamid



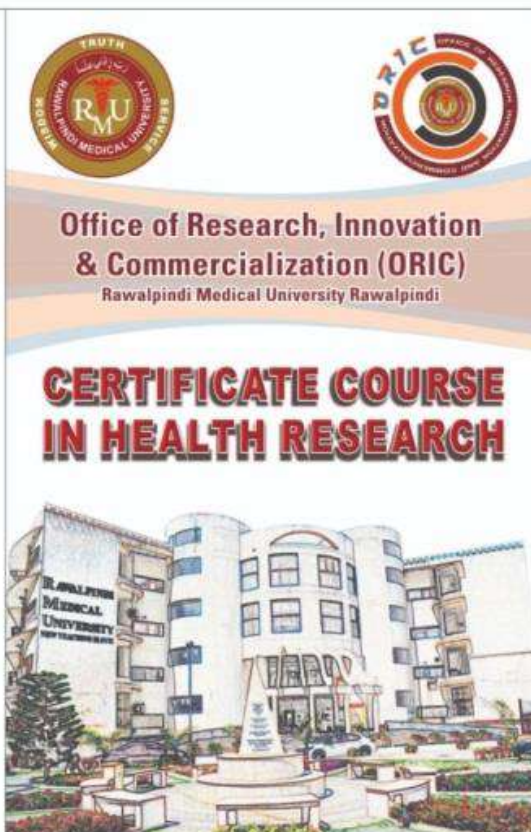
Dr. Khula Noreen



Office of Research, Innovation  
& Commercialization (ORIC)

Rawalpindi Medical University Rawalpindi

3rd Floor, Rawalpindi Medical University, New Teaching Block, Rawalpindi  
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# Trainings & Courses

## RSRS Student Research Workshops



**RAWALIAN STUDENTS' RESEARCH SOCIETY**

**ONLINE INTERACTIVE SESSION OF RESEARCH DEVELOPMENT WING AND CORE TEAM**

- 1-Introduction to research
- 2-Topic Registration
- 3-Synopsis writing

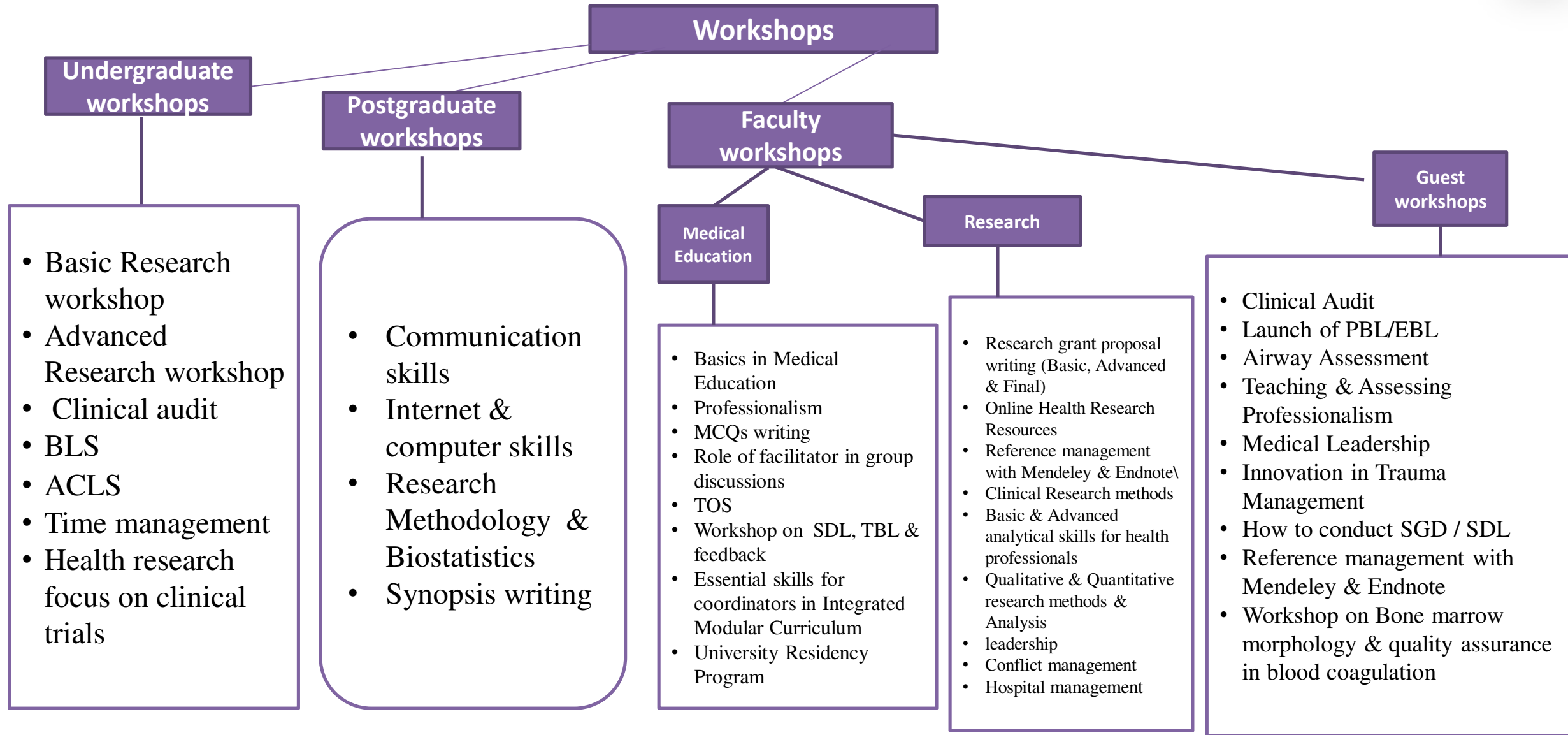
3rd April at 9:30 PM on Zoom

Don't forget to forward your queries to your respective batch RD members.





# Trainings & Courses



# Conferences

## Faculty Research Forum Conference





# Conferences

## Resident Research Forum Conference


**2nd Annual RMU  
Resident Research  
Conference 2019**




**Date and Timing : 24th December 2019 (8 AM to 2 PM)**  
**Venue : Rawalpindi Medical University, old teaching block, Tipu Road, Rawalpindi.**

**Call For Abstracts**

- Last date of abstract submission : 12/12/2019
- Send your abstracts to: [rmu.rtf.19@gmail.com](mailto:rmu.rtf.19@gmail.com)
- Abstract should be no longer than 250 words and having following headings: introduction, methods, results, discussion, conclusion/recommendations and key words (visit our Facebook page for further details).
- Top ten abstracts will be selected for oral presentations while the rest will be presented through posters.
- Top 3 oral and poster presenters will be awarded with certificates and shields.
- Both published and unpublished articles and case reports can be submitted for presentation.

**Organizers : Rawalpindi Medical University (RMU) and RMU Resident Research Forum.**  
**Conference Secretariat : Department of Medical Education, New Teaching Block, RMU, Rawalpindi**

Get in touch with us for any further information





[www.facebook.com/RMSTRF](https://www.facebook.com/RMSTRF)  
[rtf.rm@gmail.com](mailto:rtf.rm@gmail.com)  
[+923335454545](https://www.whatsapp.com/channel/00299a5b5b5b5b5b5b5b)



# Conferences

## Conference on Family Medicine

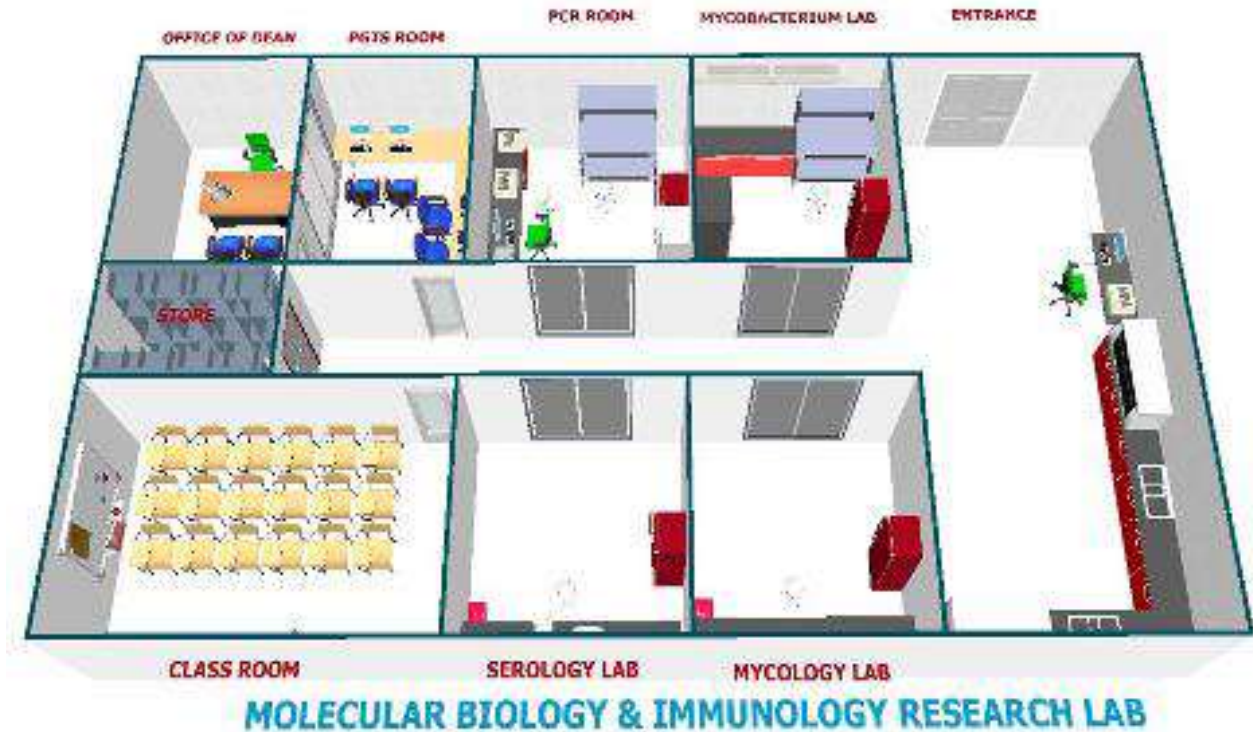




# Future Prospective

	PROJECTS IN PROGRESS	Starting
	Health and Need Assessment Survey for Individuals in Flood Affected Areas of Pakistan.	2022
	Rehabilitation tools for flood affected patients	2022
	Risk factors associated with placental abruption: a cross-sectional study.	Aug-2022
	Estimation of prevalence, knowledge and attitude of female sex disorders (fsd) in elderly women and evaluation of oral black seed (nigella sativa) and topical black seed oil for management.	Aug-2022
	Genetic predisposition to dementia in Pakistani population.	2022

## University Post Graduate Research Lab Complex (PC-1)





# RMU AI Project

## *Center for Clinical Artificial Intelligence*

*Patron in Chief:*

*Vice Chancellor: Prof. Dr. Muhammad Umar , SI*

*Director CCAI:*

*Prof. Dr Fuad Ahmed Khan Niazi*

*Focal Persons of RMU:*

*Ophthalmology: Dr Saira Bano*

*Gastroenterology: Dr Tayab Saeed*

*Radiology: Dr Maria Khaliq*

*Pathology: Dr Tayaba Ali*

*Dr. Maryam Noor ORIC*

*Focal Persons of COMSATS:*

*Dr Amir Hanif Dar*

*Dr Ahmed Raza Shahid*

*Mst. Maria Nazir team Lead*

*Mr. Hassan Nasir associate*

*Mr. Ali Tariq assistant*

*Mr. Rohail associate*





# Establishment of Department of Biological and Biomedical Sciences AT Rawalpindi Medical University

## Project Digest No. 1



**Establishment of Genetic Screening Center for  
prevailing inherited diseases in our local Pakistani  
Population  
(2022-2027)**