

Global Health Initiative: 2018

APPNA EDUCATION and GLOBAL HEALTH WINTER CONFERENCE

Mission Statement: Improving Medical Care in Pakistan through transformation of Medical education in Pakistan at all levels including undergraduate, graduate and continuing medical education through coordination of all education and health care committees.

Vision Statement: 5-year plan 2018-2023

We propose to develop a coherent plan for Organization and growth of APPNA Education with its various committees. We propose to have a long term vision and a structured plan to achieve it. We propose to develop long term relationships with institutions across Pakistan with a uniform standard and with focus on sustainability and growth.

We propose the following guidelines for achieving this vision.

- APPNA should develop institutional relationships at organizational levels rather than dispersed individual efforts and develop binding relationships.
- APPNA should provide platform and structures for its individual members to offer concentrated efforts and achieve larger common goals (such as online portal).
- APPNA should organize and focus its educational efforts through recurring structured programs (such as annual conferences)
- APPNA should make these efforts sustainable with a model to support individuals willing to go above and beyond their usual family trips to offer educational expertise and transfer of skills.
- APPNA should have economically viable and budget neutral programs for such efforts and must include the local institutions "skin in the game" or direct investment in financial terms.
- APPNA should develop standardized protocols, procedures, contracts and/or MOUs to develop institutional relationships for education.
- APPNA should focus on replicating successful programs and structures across the country to other institutions.

APPNA Education will attempt to organize all the resources into one place, identify all institutional relationships, focal or key persons, and suggest areas of focus for highest impact.

APPNA Education will create portal to connect institutions and individuals in Pakistan with APPNA community for education, research and public health collaboration. Detailed reports on current status of APPNA Education programs and website are attached.

Shahid Rafiq
APPNA Education Coordinator
Babar Rao
APPNA MERIT Chair
Danish Bhatti
APPNA MERIT Co-chair

Report on Current Status of APPNA Education in Pakistan:

FIVE areas of FOCUS (Big 5)

- I. Online Educational Courses
- II. Visiting Faculty Program
- III. Clinical Program development
- IV. Annual Conferences and workshops
- V. Research Collaborative Network

List of Collaborative institutions/organizations

1. National University of Medical Sciences
2. Pakistan Society of Neurology
3. Movement Disorders Society of Pakistan
4. Pakistan Stroke Society
5. Lady Reading Hospital
6. Rawalpindi Institute of Cardiology
7. Army Medical College
8. Army medical college Alumni Association
9. MH/CMH Rawalpindi
10. AFGMI
11. Bahira Town hospitals
12. Rawalpindi Medical University
13. HEC Pakistan
14. PMDC
15. USAID
16. Medical Research Society of Pakistan
17. Pakistan International Neuroscience Society

Collaborative Projects/initiatives

1. Online Educational Courses
 - a. Movement Disorders
 - b. Stroke and vascular neurology
 - c. Neurology for non-neurologist
2. Visiting Faculty Program
 - a. Guest Lectures
 - b. Grand round
 - c. Teaching clinic

3. Clinical Program development
 - a. Neurology Center of Excellence
 - b. Acute Stroke Care Program
 - c. Center of Excellence for Intensive Care
4. Annual Conferences and workshops
 - a. NUMS/AMC/AAA Winter conference
 - b. Neurology workshops
5. Research Collaborative Network
 - a. ORIC collaborations
 - b. MRSP collaboration
 - c. Online collaborative network.

1. Online Educational Courses

- Neurology Curriculum enhancement at resident level. A six-month Movement disorder course was started with University of Nebraska targeting Neurology trainees across Pakistan. After its great success a six-month Stroke course is being started this summer. Next year Epilepsy and Neuromuscular six months courses will complete major subspecialties in the Neurology Residency training. This has been supported and much appreciated by Pakistan Society of Neurology (PSN).
- A special course will be developed for primary care physicians in Pakistan to educate them with latest in the field of Neurology, titled NEUROLOGY for ALL (Neurology for Non-Neurologist). This will be offered to Rawalpindi Medical University and later will be available in other cities.
- There is an interest in PMDC to approach APPNA for help in latest in Medical Education curriculum in line with requirement by the World Federation of Medical Education (WFME). The curriculum specialist in APPNA family will then be approach for this collaboration.
- Army Medical College has requested to enhance their undergraduate Neurology rotation for final year Medical students. Faculty development at NUMS and Army Medical College.

2. Visiting Faculty Program

- NUMS/HEC Visiting Faculty Dec 2017 (2 weeks, fully funded)
- The Board of Governors LRH has approved the designation of Visiting Consultants. To begin with two subspecialties in Neurology and in ICU project.
- We will be organizing the visiting APPNA members interested in giving medical education in Pakistani institutions. A new website collecting the data base of all such visiting consultant will be prepared. This will be divided in specialties. On the other side the database of institutional contacts in Pakistan will be prepared. The matching will take place well in advance of the visit for a smooth and effective time management. The process of data collection has been started by APPNA President blast mail, Education is caring.

3. Clinical Program development

- Lady Reading Hospital (LRH) in Peshawar KPK: Second MOU signed last year has seen the development of a Model ICU in LRH with the help of APPNA intensivist going on a rotation schedule complemented with Tele ICU efforts. The protocols and process have been developed and MS in ICU training is being explored. The research is part of this initiative.
- Second project at LRH is Neurology Center of Excellence. The Board of Governors LRH has approved all equipment and space presented in the document for foundation of COE along with the designation of Visiting Consultants. To begin with two subspecialties in Neurology Stroke and Movement Disorder have been selected for this year.

- Rawalpindi Institute of Cardiology (RIC) has requested for help set up a model post cardiac surgery ICU. The initial meetings with the leadership on both sides have started.
- In addition, Bahira hospitals need Intensivist support. They are looking towards APPNA to help their state of the art Hospitals in Karachi and Rawalpindi as well as Lahore. However, any collaboration from APPNA with private institutions is conditional upon their contribution to poor population of Pakistan as well as their commitment to advancement of Healthcare and Medical Education in Pakistan.
- Rawalpindi Medical University has requested APPNA MERIT to help develop a Neurology Center of Excellence which will be in line with the LRH project.
- NUMS has approached APPNA for help in Institute of Neuroscience in Medical City in I-17 Islamabad.

4. Annual Conferences and workshops

- The VC of NUMS Lt. Gen. Imran Majeed has plans to visit APPNA Summer Convention in Dallas and APPNA will be holding a seminar on Public Health and Global Health in the Regions. The panel will include prominent stakeholders in Health care in the region and APPNA experts on the topic.
- In addition, NUMS will hold a one-day symposium with APPNA around the Winter Conference in Pakistan to Global and Public Health initiative of APPNA president. This day will also showcase the Research collaborations and a Research Abstract competition. The revival of Medical Research Society of Pakistan (MRSP) is part of Research Initiative.
- Finally, Global Health Initiative is a unique vision of APPNA president and will be a major focus of 2018 with two conferences around APPNA Winter Conference in Karachi, Lahore and Islamabad.

5. Research Collaborative Network

- A website portal is being created for Research projects. All Academicians and researchers in APPNA family will be invited to fill a form so that a database according to the specialty can be prepared. This will include the area of research interest and previous research projects in their profile.
- The Medical students and the young faculty interested in different research projects will approach through this forum.
- A team of PI from Pakistan along with few member and a supervising US faculty will be build for a project which will then be presented to Higher Education Committee (HEC) for funding. The HEC has allocated substantial funding for ORIC in each Medical University.

APPENDIX: State of Collaboration with Institutions:

List of Collaborative institutions/organizations

1. National University of Medical Sciences:

NUMS: APPNA has signed an MOU with National University of Medical Science in December 2017. NUMS has got funding for building a research tower in next two year in Rawalpindi and a Medical City has just been approved by Prime Minister of Pakistan in I-17. These are exciting development as NUMS view APPNA to have close collaboration as it will develop it self as leader in Healthcare and Medical Education in Pakistan.

Liaison: Dr Mujtaba Quadri, Dean Faculty Development

2. Pakistan Society of Neurology

Ongoing online Education courses, neurology annual conferences and workshops, collegial environment, potential for MOUs.

Liaison: Prof Arsalan Ahmed, Prof Athar Javed

3. Movement Disorders Society of Pakistan (as above)

4. Pakistan Stroke Society (as above)

5. Lady Reading Hospital

Ongoing Model ICU program

Planned Model Neurology programs (Center of Excellence) in stroke and movement disorders.

Completed Workshop on Botox at annual PSN meeting with LRH.

Liaison: Dr Nausherwan Burki, Dr Ayesha Zafar, Prof Adnan

6. Rawalpindi Institute of Cardiology

Planned Cardiac ICU program for post cardiac surgery care

In consideration Stroke Center of Excellence

Liaison: Dr. Musfireh Siddiqui, Gen. Dr Azhar Kiyani, Dr Faisal

7. Army Medical College

8. Army medical college Alumni Association

9. MH/CMH Rawalpindi

10. AFGMI

Liaison: Prof Shakeel Mirza

11. Bahira Town hospitals:

Liaison: Dr. Shazia

12. Rawalpindi Medical University:

Liaison: VC, Prof Umar

13. HEC Pakistan:

Liaison: Dr. Waseem Hashmi PhD, Advisor PhD program

14. PMDC:

Gen. Imran Majeed

15. USAID

Kanwal Bukhari

16. Medical Research Society of Pakistan

Dr. Faisal Sultan, CEO SKMCH

17. Pakistan International Neuroscience Society
Dr. Zahid Cheema

18. Pakistan Kidney and Liver Institute (PKLI) Lahore
Most recent MOU signed.