



# Hong Kong College of Education and Research in Nursing 香港護理教育及科研學院

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<http://www.hkan.hk>

## Newsletter

### HKCERN Council

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(Research)

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(Education)

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Prof. LOKE Yuen Jean Tak, Alice

## Message from the President Dr. LI Ho Cheung William

I am profoundly honoured and privileged to have been elected as President of the Hong Kong College of Education and Research in Nursing (HKCERN) from 2021 to 2024. I wish to express my heartfelt



gratitude to past presidents, including Professor Frances Wong and Professor Alice Loke, for building a strong foundation for the College. Specifically, I would like to convey my sincere appreciation to my immediate predecessor, Professor Loke. During her six years as president (2015–2021), Professor Loke immeasurably expanded the College's horizons through her promotion of nursing education and research. I would also like to take this opportunity to thank all of the College's former council members, who have shown enormous commitment to achieving our mission over the years. Last but not least, I am delighted to welcome our new council members on board. This smooth transition fully embodies the spirit of inheriting the past whilst looking ahead to the future.

One of the objectives of HKCERN is to promote the advancement of nursing education and research in Hong Kong. Since the College's establishment in 2012, its members have been committed to raising standards for education and research in various nursing specialties.

In the coming years, we will continue to pursue excellence by strengthening our membership base and inviting more nurse educators, researchers and practitioners to join the College as members or fellows. I am excited to share with you that 111 fellows and seven ordinary members renewed their memberships in March 2021—approximately 5% more than last year. Another encouragement to note is that in June and July 2021, 27 educators and researchers from various tertiary institutions attended admission interviews for ordinary membership. As of 30 June 2021, 24 of these applicants had been accepted as ordinary members, with only three applications left to review in late July 2021. I wish to thank the council members who so tirelessly supported these membership promotion activities and swiftly vetted the applicants' qualifications.

### *The way forward*

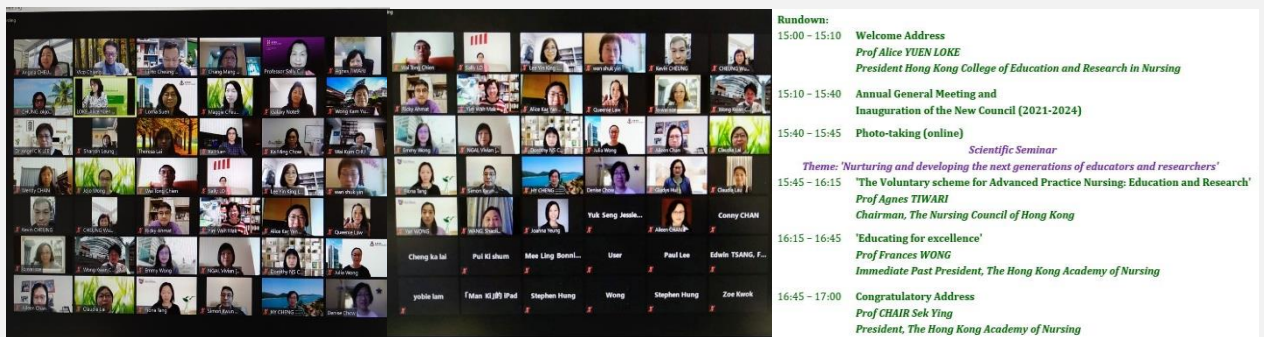
We fully understand that the College still has a long way to go. Far from resting on our laurels, we will continue to organise high-quality continuing education activities to meet the learning needs of the nursing community. Most importantly, we will continue to demonstrate our full commitment to realising the vision of the Hong Kong Academy of Nursing (HKAN): to strive for excellence in achieving safe and high-quality health care, benchmarked against international standards, by promoting advanced nursing practice. HKCERN will work hand in hand with the other colleges under HKAN to facilitate the implementation of the Voluntary Scheme on Advanced and Specialised Nursing Practice. This will pave the way for the establishment of a statutory registration system in Hong Kong to promote the professional development of advanced and specialist nurse practitioners. I am confident that, together with HKAN, we will cross new frontiers in nursing education and research in the future.



# Activities and Highlights

## The HKCERN 8th Annual General Meeting cum scientific programme [27 February 2021]

The 8th annual general meeting cum scientific programme was successfully held via Zoom on 27 February 2021. More than 60 HKCERN members and members from other institutions joined. We were pleased to be able to invite Prof. Agnes Tiwari and Prof. Frances Wong to share with us their knowledge on the theme 'Nurturing and developing the next generations of educators and researchers.' The new president, Prof. William Li, was inaugurated along with 17 council members. Congratulations!



## HKCERN Council Meetings & Retreat [8 May 2021]

New council members held a half-day retreat to discuss the way forward for HKCERN.



## Briefing Sessions for Membership Application [May 2021; July 2021]

With the new pathway of HKAN, HKCERN conducted briefing sessions for membership applications, explaining the pathway and timeline for interested colleagues practising in education and research.

## 1st International Advanced Practice Nursing Conference (IAPNC) 2021 [22–23 May 2021]

Prof. William Li, Prof. Ka Ming Chow and Dr. Sally WS Lo attended the 1st IAPNC 2021.





# Professional Developments

## Online Article to Obtain CNE Point

Starting from 2021, HKAN will be offering an online learning activity with CNE accreditation. Interested members can refer to the information provided on <https://www.hkan.hk/main/en/on-line-articles-to-grant-cne>.

# CNE

## 11th International Continuing Nursing (ICN) Nurse Practitioner (NP)/Advanced Practice Nursing (APN) Network Conference

Registration is now open for the 11th ICN NP/APN Network Conference, which will be held virtually on 29 August–1 September 2021. Approval for awarding ICN Education Credits is currently being sought from the International Council of Nurses. More information can be found at <https://npapn2021.com/>.



## Voluntary Scheme on Advanced and Specialised Nursing Practice

In line with the global trend to promote advanced and specialised nursing practice, the Food and Health Bureau has invited the Nursing Council of Hong Kong (NCHK) to formulate a voluntary scheme on advanced and specialised nursing practice with a view to pave the way for setting up a statutory registration system in the long run.

Recognition as advanced practice nurses in 'Education and Research in Nursing' is expected to be opened for application in the coming months. Let's stay tuned!



## Sharing from our fellows - *Research Advancement*

### Knowledge Transfer: From performing fit test of N95 respirators to respirator manufacturing

Dr. Simon Ching LAM

The unremitting worldwide outbreaks of infectious respiratory diseases, such as severe acute respiratory syndrome (SARS) in 2003 and SARS-CoV-2 in 2020, have caused increased awareness of occupational protection amongst healthcare workers. The use of N95 filtering facepiece respirators to prevent the spread of contaminated droplets and other potential airborne infectious diseases is recommended at regional and international levels. Since 2011, we have been investigating the fit rates of traditional N95 respirators and have found that these respirators do not fit well when used by Chinese



people (Lam et al., 2011a, 2011b, 2016; Suen et al., 2020). Thus, our research team worked with academic staff in the fields of computer science and engineering to collect Chinese facial anthropometric (Liu et al., 2011) and head size data as evidence for revising the shapes and parameters of current N95 models. However, our proposed technique and materials, such as melt-blown filtering layer and mask production machines, have not been made available in the Hong Kong market until 2020.

Determined to find the solution, I led our team of nursing and infection control experts to develop new N95 respirators on the basis of my previous ground works after working at the Hong Kong Polytechnic University during the Coronavirus disease 2019 (COVID-19) pandemic. Collaborating with a local mask manufacturer, we produced samples of the proposed design, after which we conducted field testing, including N95 fit test and two-hour usability feedback. Once we received a satisfactory revised version, the patent was filed (Filer's reference no.: HK32190200292.3) and given license for manufacturing.

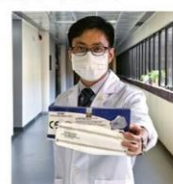


#### 理大研可調頭帶N95 已供醫局測試

理大護理學院助理教授林清及其團隊近日與本地生產商合作，研發出一款可調校頭帶長度的N95口罩，並已註冊專利，有望大量生產供醫護使用。他說已向醫管局提供口罩樣本作測試，商討合作的可能性。

2003年SARS爆發時為前線醫護的林清說，深深體會到保護裝備的重要，並經常免費為不同有潛質的生產商改良口罩設計，自言「國難當前，匹夫有責」。他說早前和一個本地口罩生產商合作，希望研發一款適合不同臉形的口罩，研究時實以環保為原則，不希望外加其他如耳帶扣等物料。

已申專利 稱面形配合度八成合格



理大護理學院助理教授林清及其團隊近日與本地生產商合作，研發出一款可調校頭帶長度的N95口罩，並已註冊專利。  
(林清怡攝)

爆發時在威爾斯親王醫院工作，在首先爆發的8A病房停止運作後，協助重開一個分流病房，林清在口罩研發期間，和生產商合作，研發出一款

The uniqueness of our new respirators lies in their innovative polyvinyl chloride (synthetic rubber) adjustable elastic straps, which allow users to fit the respirators according to their facial contour and head size, thus optimising fit rates. All models of our new N95 respirators are certified with FFP3 or FFP2 standards, which are the highest respirator standards of at least 99% or 94% filter capacity in removing all particles with a diameter of 0.3/0.4 microns or larger.

Our new N95 respirators were first used in the Haven of Hope Sister Annie Skau Holistic Care Centre, a facility providing palliative and elderly care, and received positive feedback from the users. Specifically, the fit test passing rate reached up to 87%–88% for a group of 104 frontline healthcare workers. The two-hour usability was also found to be satisfactory on eight self-reported items: feeling of heat, breathability, tightness, difficulty in talking, facial itchiness, ease of being displaced, discomfort on earlobe and usage in long durations. Meanwhile, we have provided samples of the new respirators to the Hospital Authority (HA) Head Office, various hospitals under HA, the Department of Health and some private hospitals for trial and examination (please refer to the news report).

The development of our N95 respirators represents a kind of knowledge transfer work that describes the process of conceptualising research to an actual healthcare product, thereby contributing to the protection of over hundreds of thousands of Chinese healthcare workers against current and future respiratory infectious outbreaks.

## References

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# Membership Updates

**HKCERN welcomes the following new fellow members (*admitted in 2021*):**



- |                           |      |
|---------------------------|------|
| ▪ AHMAT Ricky             | 馬域祺  |
| ▪ CHAN Man Yu Faye        | 陳丘敏如 |
| ▪ CHAN Ngo Sheung Dorothy | 陳傲霜  |
| ▪ CHAN Yue Lai Helen      | 陳裕麗  |
| ▪ CHENG Ho Yu             | 鄭可瑜  |
| ▪ KWOK Ching Man Zoe      | 郭靜雯  |
| ▪ LAW Pui Sze Queenie     | 羅佩詩  |

## Application and Examination Progress

With the new pathway of HKAN, a special arrangement was made for 2021–2022 membership application following the below timeline:

	Round 1	Round 2	Round 3
<b>Application for ordinary membership</b>	<i>Closed</i>	<i>Closed</i>	15 Sept 2021
• Admission interview	<i>Completed</i>	<i>Completed</i>	TBC
• Endorsement by HKAN	<i>Endorsed</i>	TBC	TBC
<b>Application for fellow membership</b>			
• Orientation briefing		22 & 26 July 2021	
• Certification examination (Part I)		26 August 2021	
• Certification examination (Part II)		Mid-Dec 2021	
• Endorsement by HKAN		January 2022	

## Member Status (as of July 2021)

- Fellow Members – 111
- Ordinary Members – 33
- Associate Members – 11





## News and Congrats

### Congratulations to Prof. CHAN Wai Chi, Sally

Prof. CHAN Wai Chi, Sally has been appointed as the third President of Tung Wah College starting from January 2021!



### Congratulations to Prof. WONG Kam Yuet, Frances



Prof. WONG Kam Yuet, Frances has been promoted as Chair Professor in Nursing!

### Young Fellow Chapter Committee 2021–2023

Three fellow members from HKCERN have been elected to serve on the HKAN Young Fellow Chapter Committee 2021–2023.



- Dr. CHEUNG Mei Ki, Maggie
- Dr. WONG Kwan Ching, Arkers
- Dr. WONG Sze Wing, Julia

### Special Recognition Award - Nurses Make a Difference in combating COVID-19.



Two fellow members from HKCERN received the *Special Recognition Award* from HKAN in recognition of their extraordinary contribution during the COVID-19 pandemic.

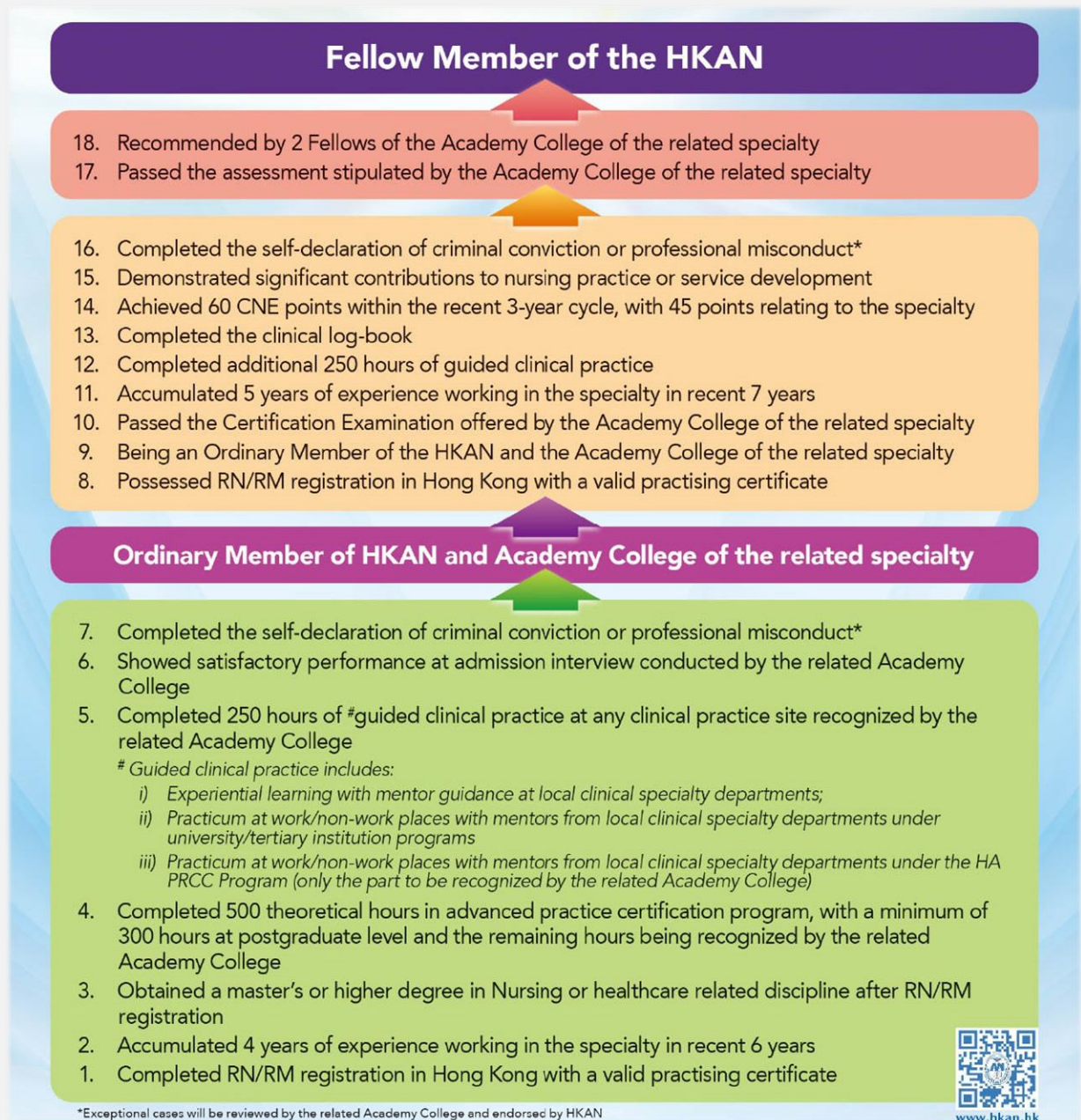
- Dr. LAM Ching, Simon (2nd place Awardee)
- Prof. CHAN Yip Wing Han, Carmen (Outstanding Awardee)



# News and Congrats

## New Pathway to HKAN Membership and Fellowship

HKAN reformed the pathway for progression to its fellowship with a view to welcome potential members. The new pathway was implemented in May 2021. Members are welcome to spread the word!



Members are welcome to submit their recent news to the HKCERN newsletter. We are happy to hear from you!  
 Please contact us at [hkcern@gmail.com](mailto:hkcern@gmail.com).