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MILESTONE @ UM NEWSLETTER



WELCOME HOME DATO' PROF. IR. DR. MOHD HAMDY ABD SHUKOR 13TH VICE-CHANCELLOR OF UM



Tahniah & Selamat Kembali

YBHG. DATO' PROFESOR IR. DR.
MOHD HAMDY ABD SHUKOR

NAIB CANSOLOR
UNIVERSITI MALAYA

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November 1, 2020 - Universiti Malaya (UM) is pleased to extend our heartiest congratulations to YBhg. Dato' Prof. Ir. Dr. Mohd Hamdy Abd Shukor on his appointment as the 13th Vice-Chancellor of UM effective 1 November 2020 until 31 October 2023.

YBhg. Dato' Prof. Ir. Dr. Mohd Hamdy Abd Shukor is not new to UM. His academic career begins in 1995 as a tutor and he later became a lecturer in the Department of Engineering Design and Manufacture in 1997. He was appointed as the Head, Department of Engineering Design and Manufacture in 2003-2006, promoted to Associate Professor in 2006 and served as a full Professor in 2010.

He was the former Dean, Faculty of Engineering, UM (2009-2011) and the former Deputy Vice-Chancellor (Academic and International), UM (2011-2014). During this period, he displayed remarkable leadership excellence and successfully held various key administrative positions within and outside the university leading to his appointment as the Vice-Chancellor, Universiti Kebangsaan Malaysia in 2019.

Congratulations once again and welcome home YBhg. Dato' Prof. Ir. Dr. Mohd Hamdy Abd Shukor, the 13th Vice-Chancellor, Universiti Malaya

CLARIVATE HIGHLY CITED RESEARCHERS 2020



November 18, 2020 - Six (6) UM researchers have been shortlisted as "Highly Cited Researchers 2020" by Clarivate.

The highly anticipated annual list of "Highly Cited Researchers 2020" identifies researchers who have demonstrated significant and broad influence in their field of expertise through the publication of highly cited papers during the last decade.

These highly cited papers rank in the top 1% by citations for their respected field and publication year in the Web of Science citation index. Of the world's population of scientists and social scientists, Highly Cited Researchers are 1 in 1,000.

Researchers are selected for their exceptional influence and performance in one or more of 21 fields (those used in Essential Science Indicators or ESI) or across several fields.

6,389 researchers are shortlisted in the "Highly Cited Researchers in 2020" list – 3,896 in specific fields and 2,493 for cross-field performance. This is the third year researchers are identified with cross-field impacts. The number of researchers selected in each field is based on the square root of the population of authors listed on the field's highly cited papers. The number of those with cross-field influence is determined by finding those who have influence equivalent to those identified in the 21 fields.

Amongst the 6 Highly Cited UM Researchers 2020 are:

Engineering Category

1. Prof. Dr. Wan Mohd Ashri Wan Daud
2. Prof. Dr. Md. Abul Kalam
3. Prof. Dr. Saad Mekhilef
4. Prof. Ir. Dr. Nasrudin Abd Rahim

Cross-Field Category

5. Prof. Ir. Dr. Abdul Aziz Abdul Raman
6. Prof. Dr. Abdullah Gani

2020 MERDEKA AWARD & IUPESM INAUGURAL FELLOWS

CONGRATULATIONS
TO THE 2020 MERDEKA AWARD RECIPIENTS

**OUTSTANDING
SCHOLASTIC ACHIEVEMENT
CATEGORY**



**Professor Dr. Ng Kwan
Hoong**

For outstanding contribution in the education and pioneering work advancing the fields of medical physics and radiation medicine in Malaysia.

Prominent professor, Prof. Dr. Ng Kwan Hoong from Faculty of Medicine UM has been awarded the 2020 Merdeka Award (Outstanding Scholastic Achievement) in recognition of his outstanding contribution in education and pioneering work advancing the fields of medical physics and radiation medicine in Malaysia.

And in the same year, Prof. Ng is also being awarded the Inaugural Fellow of International Union for Physical and Engineering Sciences in Medicine (IUPESM). The Fellowship of IUPESM is an award to the most prominent leaders of the Union for Physical and Engineering Sciences in Medicine.

INFRA MICROBIOLOGY LAB BIORISK MANAGEMENT WORKSHOP

REC Chai Lay Ching is presenting

Objectives

- Ensure **everyone working in laboratories** handling infectious or potentially infectious agents and materials are safe
- Ensure **public** at large is safe
- Ensure the **environment** is safe
- In compliance with all other national and international obligations
- Prevent intentional and unintentional release of agents that could cause harms

August 25, 2015

October 27, 2020 - INFRA Microbiology Lab in collaboration with Institutional Biosafety and Biosecurity Committee (IBBC), Universiti Malaya has organised a virtual Biorisk Management Workshop on 27 October 2020 via Google Meet.

The workshop aims to expose research students (particularly biology lab users) and researchers to the principles of biosafety and biorisk management.

The topics covered are:

1. Malaysia Laboratory Biosafety and Biosecurity Policy and Guideline
2. University Malaya Policy and Procedure on Laboratory Biosafety and Biosecurity
3. UM IBBC and regulatory compliance
4. Introduction of Biosafety and Biosecurity
5. Fundamental of Biorisk Management

The Biorisk Management Workshop has 2 sessions where the 2nd physical workshop is to train participants on basic biosafety and on how to conduct risk assessment.

Currently, only users with basic biosafety training could apply to access and conduct microbiology procedure in the Infra Microbiology lab. Thus, the Biorisk Management Workshop serves as one of the training channels before the users can access microbiology lab.

WORLD'S TOP 2% SCIENTISTS BY STANFORD UNIVERSITY

Stanford University has recently released a list of scientists that represents the world's top 2% scientist in various disciplines, in which 80 UM researchers were featured in the list and another 30 researchers were listed as world the top 2% world's career-long citation impact scientists.

The analysis was conducted using citations from Scopus along with data assessing

scientists for career-long citation impact till the year 2019 and for citation impact during a single calendar year.

The complete list of a total of 159,684 researchers (World Ranking of top 2% in each field) along with their affiliation, country, c-score, field-wise rank and total researchers in a specific subject field has been published in the PLOS Biology

WORLD'S TOP 2% CAREER-LONG CITATION IMPACT SCIENTISTS

1. Dato' Prof. Dr. Goh Khean Lee
2. Prof. Dr. Saad Mekhilef
3. Dato' Prof. Dr. Ng Seik Weng
4. Prof. Dr. Altis Lee Ellis
5. Prof. Dr. Abdul Kariem bin Hj Mohd Arof
6. Prof. Ir. Dr. Masjuki Haji Hassan
7. Prof. Ir. Dr. Nasrudin Abd Rahim
8. Dato' Emeritus Prof. Dr. Lam Sai Kit
9. Prof. Dr. Kam Toh Seok
10. Prof. Dr. Mohd Ali Hashim
11. Prof. Ir. Dr. Mohd Azlan Hussain
12. Prof. Dr. Md. Abul Kalam
13. Prof. Dr. Ramesh a/l T. Subramaniam
14. Prof. Dr. Wan Mohd Ashri Wan Daud
15. Prof. Dr. A.S. MD. Abdul Haseeb
16. Prof. Dr. Chung Lip Yong
17. Datuk Prof. Dr. Harith bin Ahmad
18. Prof. Dr. Tan Nget Hong
19. Prof. Ir. Dr. Yau Yat Huang
20. Assoc. Prof. Dr. Yarub Kahtan Abdul-Rahman Al-Douri
21. Prof. Dr. Mahmoud Moghavvemi
22. Prof. Dr. Mohammad Niyaz Khan
23. Prof. Dr. Sulaiman Wadi Harun
24. Dr. Ong Hwai Chyuan
25. Prof. Ir. Dr. Mohd Zamin Jumaat
26. Emeritus Prof. Dr. Yong Hoi Sen
27. Prof. Dr. Abdullah Gani
28. Dr. Nader Ghaffari Khaligh
29. Dr. Kazi Md. Salim Newaz
30. Prof. Dr. Mahmood Ameen Abdulla Hassan

WORLD'S TOP 2% MOST-CITED SCIENTISTS

1. Mekhilef, Saad
2. Rahim, N.A.
3. Goh, Khean Lee
4. Masjuki, H.H.
5. Arof, A.K.
6. Hashim, Mohd Ali
7. Ong, H.C.
8. Ramesh, S.
9. Sagadevan, Suresh
10. Kalam, M.A.
11. Wong, Li Ping
12. Daud, Wan Ashri Wan
13. Ahmed, Ejaz
14. Chan, Kok Gan
15. Kazi, S.N.
16. Gani, Abdullah
17. Hayyan, Maan
18. Zailani, Suhaiza
19. Ahmad, Harith
20. Hutchison, Charles S.
21. Jumaat, Mohd Zamin
22. El-Shafie, Ahmed
23. Chong, Wen Tong
24. Juan, Joon Ching
25. Al-Douri, Y.
26. Lai, Chin Wei
27. Agamuthu, P.
28. Hussain, M.A.
29. Chung, Lip Yong
30. Phang, Siew Moi
31. Yau, Y.H.
32. Haseeb, A.S.M.A.
33. Hasanuzzaman, M.
34. Balakrishnan, Vimala
35. Mo, Kim Hung
36. Shamshirband, Shahaboddin
37. Kamarulzaman, Adeeba
38. Basirun, Wan Jeffrey
39. Yip, C. H.
40. Abd Hamid, S.B.
41. Shafigh, Payam
42. Dahari, M.
43. Ramesh, S.
44. Mokhlis, Hazlie
45. Metselaar, H.S.C.
46. Selvaraj, Jeyraj
47. Kam, Toh Seok
48. Illias, Hazlee Azil
49. Harun, Sulaiman Wadi
50. Lee, Hwei Voon
51. Hayyan, Adeeb
52. Choudhury, I.A.
53. Bakar, A.H.A.
54. Ng, K.H.
55. Wan Daud, Wan Mohd Ashri
56. Ambati, Ranga Rao
57. Zulkifli, Nurin Wahidah Binti Mohd
58. Abdulla, Mahmood A.
59. Khaligh, Nader Ghaffari
60. Tan, Nget Hong
61. Moy, Foong Ming
62. Jalab, Hamid A.
63. Tay, Sun Tee
64. Ling, Tau Chuan
65. Awang, Khalijah
66. Abrizah, Abdullah
67. Lim, Y.A.L.
68. Ahmed, H.M.A.
69. Kiah, Miss Laiha Mat
70. Kadir, M.F.Z.
71. Ali, Ihsan
72. Yong, Hoi Sen
73. Che, Hang Seng
74. Chia, Y.C.
75. Elias, Mohamad Fathi Mohamad
76. Malek, Sri Nurestri Abd
77. Adikan, F.R.M.
78. Lim, Kok Sing
79. Phan, Chia Wei
80. Takaoka, Hiroyuki

UM EXPERTS APPOINTED AS FELLOWS OF ACADEMY OF SCIENCES MALAYSIA (ASM)

ASM COUNCIL MEMBERS 2020/2021



Emeritus Prof. Dr. Phang Siew Moi FASc



Dr. Helen Nair FASc



Datuk Prof. Dr. Awg Bulgiba Awg Mahmud FASc
Secretary General



Prof. Dr. Shamala Devi K.C. Sekaran FASc



Prof. Dr. Yvonne Lim Ai Lian FASc

2020 ASM FELLOW

CHEMICAL SCIENCES



Prof. Dr. Misni bin Misran
Department of Chemistry
Faculty of Science

MEDICAL & HEALTH SCIENCES



Prof. Dr. Hany binti Mohd Ariffin
Department of Paediatrics
Faculty of Medicine

SOCIAL SCIENCES & HUMANITIES



Datuk Emeritus Prof. Dr. Norma binti Mansor
Social Wellbeing Research Centre (SWRC)
Faculty of Economics and Administration

Heartiest congratulations to three (3) UM experts for the recent appointment as Academy of Sciences Malaysia Fellow (FASc) in Chemical Sciences, Medical & Health Sciences and Social Sciences & Humanities category.

The 3 UM experts are: i) Prof. Dr. Misni bin Misran from Department of Chemistry, Faculty of Science, ii) Prof. Dr. Hany binti Mohd Ariffin from Department of Paediatrics, Faculty of Medicine and iii) Datuk Emeritus Prof. Dr. Norma binti Mansor from Social Wellbeing Research Centre (SWRC), Faculty of Economics and Administration. They have been playing important roles and contributed significantly in their respective field.

The appointment was announced at the 25th Annual General Meeting of the Academy, held on 24 October 2020. The AGM also witnessed the appointment of five (5) more UM experts as the ASM Council Members 2020/2021.

Datuk Prof. Dr. Awg Bulgiba Awg Mahmud FASc from Faculty of Medicine was appointed as the Secretary-General of the council and the other 4 ASM Council members from UM are: i) Emeritus Prof. Dr. Phang Siew Moi (Institute of Ocean and Earth Sciences), ii) Dr. Helen Nair (Faculty of Science), iii) Prof. Dr. Shamala Devi K.C. Sekaran (Faculty of Medicine) and iv) Prof. Dr. Yvonne Lim Ai Lian (Faculty of Medicine).

EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD) OKAYAMA AWARD 2020



October 26, 2020 - We are proud and happy to announce that UM Zero Waste Campaign (UM ZWC) – the longest running and pioneer UM Living Labs project in UM through its initiative on 'Empowering Communities for Food Waste Recycling and Sustainable Urban Farming' bagged the international coveted Education for Sustainable Development (ESD) Okayama Award 2020! Our warmest congratulations on UM dedication to ESD activities.

ESD Okayama Award is an annual prestigious sustainability award hosted by Okayama City and Education for Sustainable Development (ESD) Okayama Award Steering Committee, Japan initiated in 2005 aims to showcase outstanding ESD practices in local communities around the world and as well as to support organizations carrying out programmes related to ESD; a key enabler in achieving Sustainable Development Goals (SDGs) by the year 2030.

With this award conferment that entitled the winner a total of USD 3000 prize, UM Zero Waste Campaign led by Prof. Dr. Sumiani Yusoff and her dedicated team will be on the highlight to share their award-winning project at the Virtual 'ESD Forum/ESD Okayama Award 2020' on 31st January 2021.

The award-winning video of ESD Okayama Award 2020 by UM ZWC is now available on Youtube via <https://youtu.be/-yhYasavI8k>



ITEX'20

UM GOLD MEDAL WINNERS





ITEX'20

31ST INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA

Congratulations

20 - 21
NOVEMBER
2020

ASIA'S LEADING
INVENTION, INNOVATION &
TECHNOLOGY EXHIBITION

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GOLD MEDAL

Dr. Adeeb Hayyan, Dr. Hanee Farzana Hizaddin, Prof. Dr. Mohd Ali Hashim, Prof. Dr. Yatimah Alias, Prof. Ir. Dr. Ngoh Gek Cheng, Dr. Ahmaad K. Aldeehani & Dr. Fadhil Mukhlif

Green Solvents for Palm Oil Processing, Extraction Technology, Halal Authentication and Destruction of Hazardous Materials

Category: Materials

GOLD MEDAL

Prof. Dr. Suresh Kumar a/l Govin & Haridas Suppiah (S.P.E.A.A.R.S International (M) Sdn. Bhd.)

4th Wave Execution Integrity Software

Category: Education

November 21, 2020 - With the extended Conditional Movement Control Order (CMCO), the ITEX 2020 was restyle from physical to online exhibition format via <https://itex.com.my>.

The International Invention, Innovation & Technology Exhibition (ITEX) presents an exciting opportunity for inventions to be showcased to potential business and investors both locally and internationally.

The ITEX competition is open to all participating inventors to gain recognition for their inventions as well as to compete amongst other international inventors for local and international awards and medals. the inventions in the exhibition.

In ITEX'20, UM was represented by two teams (Prof. Dr. Suresh Kumar a/l Govin from Faculty of Medicine and Dr. Adeeb Hayyan from Faculty of Engineering).

Out of the 15 exhibit categories, Prof. Dr. Suresh Kumar a/l Govin has participated in the Education category with the project on "4th Wave Execution Integrity Software" and Dr. Adeeb Hayyan's project on "Green solvents for palm oil processing, extraction technology, Halal authentication and destruction of hazardous materials" was registered under the Materials category.

The ITEX'20 competition result was announce via online on 21 November 2020 and both teams from UM have won the gold medals in ITEX'20.

THANK YOU DATUK IR. (DR.) ABDUL RAHIM HJ. HASHIM 12TH VICE-CHANCELLOR OF UM



Setinggi-tinggi Penghargaan dan

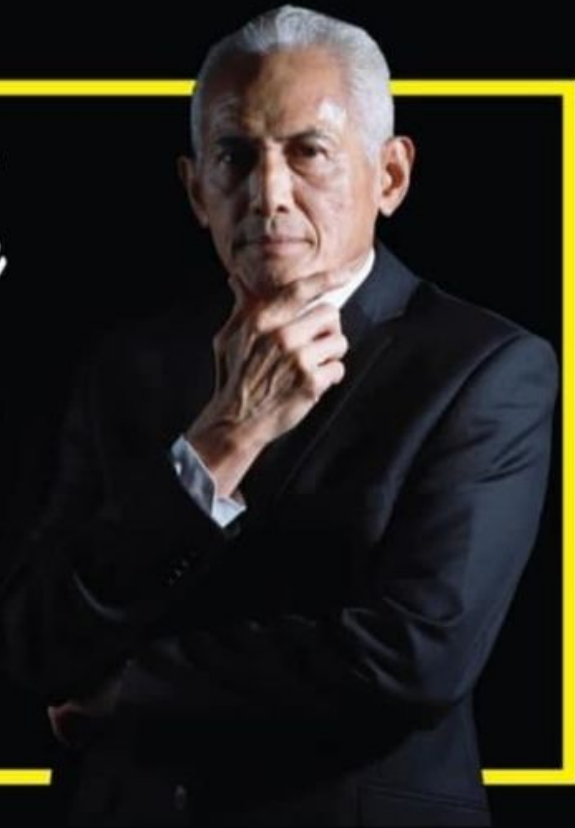
Terima Kasih

DATUK IR. (DR.) ABDUL RAHIM HJ. HASHIM

atas khidmat bakti sebagai

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ADVISORS

Prof. Dr. Noorsaadah Abd Rahman
Deputy Vice-Chancellor
(Research & Innovation)

Prof. Dr. Shaliza Ibrahim
Associate Vice-Chancellor
(Research & Innovation)

EDITORIAL TEAM

Assoc. Prof. Dr. Choo Yeun Mun
Mr. Chang Lee Wei

CONTACT

Centre for Research Services
Institute of Research Management & Services
Research Management & Innovation Complex,
University of Malaya,
50603 Kuala Lumpur, MALAYSIA.

Tel: +603-79674651 / 6289 / 6942
Fax: +603-79676390

Email: pengarah_ppp_ippp@um.edu.my
Website: <https://umresearch.um.edu.my>