



VYA Monthly Bulletin

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1 Highlight:

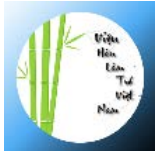
VYA's conference on Nanomaterials for Healthcare (NMH) and the 4th Worldwide Meeting of Young Academies (WWMYA) will be held at Duy Tan University, Da Nang, Viet Nam during 29th July and 2nd August 2019.

WWMYAs aim to enhance and facilitate ideas exchange on the establishment and development of National Young Academies (NYAs) and to strengthen networking and collaboration between NYAs on a global level. The meeting is organized in conjunction with a 2 days scientific meeting on Nanomaterials for Healthcare. Cancers and infectious diseases are the two most deadly diseases in Vietnam, and nanotechnology is one of its research focuses. This scientific conference will bring together practitioners, researchers and educators from around the world and will cover synthesis, characterization and medical applications of nanomaterials for cancer and infectious diseases. Presentations and discussions at the conference will be open to collaboration in multi-disciplinary projects, working papers, and funding applications. Therefore, we would highly appreciate all your participation and support to make the conference a success.

Scope and Interests

The topics of interest for this session include, but are not limited to the following:

- Nanomaterials for Drug Delivery
- Nanomaterials for Sensors and Imaging
- Bioactive Materials
- Bio-nano interactions and Nanotoxicology
- Microfluidic and Bioengineered Models
- Clinical Challenges
- Industry Engagement
- Social Aspects and Regulatory



Confirmed plenary speaker for NHM:

- **Professor [Mostafa El Sayed](#)**, School of Chemistry and Biochemistry, Georgia Institute of Technology, USA.

Confirmed invited speakers for NHM:

- **Professor [Jesus de la Fuentes](#)**, Institute of Materials Science of Aragón, Spain. He is a member of Global Young Academy (GYA), vice president of Spanish Young Academy.
- **Professor [Francesco Stellaci](#)**, Supramolecular Nanomaterials and Interfaces Laboratory, École polytechnique fédérale de Lausanne EPFL, Switzerland. He is a member of GYA.
- **Professor [Jit Kang Lim](#)**, School of Chemical Engineering, Universiti Sains Malaysia. He is a member of Young Scientist Network of Academy Sciences Malaysia.
- **Professor [Shinya Maenosono](#)**, School of Materials Science, Japan Advanced Institute of Science and Technology.
- **Prof Dr. [Nam Trung Nguyen](#)**, Director of Queensland Micro- and Nanotechnology Centre, Nathan campus, Griffith University, Australia.
- **Prof. [Sylvie Begin](#)**, Director at ECPM (European Engineering School in Chemistry, Polymers and Materials) University of Strasbourg.
- **Prof. [Jochen Feldman](#)**, Chair of Photonics and Optoelectronics Department of Physics and CeNS Ludwig-Maximilians-University Munich.
- **Assoc. Prof. [Hiroshi Yabu](#)**, Advanced Institute for Materials Research, Tohoku University, Japan
(https://www.wpi-aimr.tohoku.ac.jp/yabu_lab/index/Prof._H._Yabu.html)
- **Prof. [Galo Soler Illia](#)**, member of Argentinian National Academy of Exact, Physical and Natural Sciences (ANCEFN), Instituto de Nanosistemas, Universidad Nacional de San Martín, Argentina.
- **Prof. [Yanglong Hou](#)**, Department of Materials Science and Engineering, College of Engineering, Peking University, China.
- **Dr [Maya Thanou](#)**, Senior Lecturer, Institute of Pharmaceutical Science, King's College London, UK.



Submission

We invite submissions of papers presenting a high-quality original research and development for the conference tracks. Prospective authors are encouraged to submit their paper through easy chair. The link is available on the conference website. All instructions and templates for submission can be found in the conference website:

<https://duytan.edu.vn/conferences/home/conferencedetail/5-worldwide-meeting-of-young-academies-2019-and-vya-maiden-conference-on-nanomaterials-for-healthcare>

Important deadlines

Abstract submission: 31 January 2019

Notification of acceptance: 31 February 2019

Conference Dates: 29th July to 2nd August 2019

WWMYA 2017 website can be found

at: <https://globalyoungacademy.net/events/3rd-worldwide-meeting-of-young-academies-2017/>.

Links to all WWMYAs can be found at: <https://globalyoungacademy.net/regional-networks/>

Current WWMYA website <https://globalyoungacademy.net/events/4th-worldwide-meeting-of-young-academies-2019/>

2 VYA member news

- Prof Nguyen T. K. Thanh, FRSC, FIMMM, FInstP was elected as Fellow of Institute of Physics in recognition of her accomplishment and impact in



Physics.

- Dr Le Minh Hoa has attended the IEEE ATC 2018 conference (<http://atc-conf.org/>) in Ho Chi Minh city, Vietnam during 18th-20th October 2018. The conference is on advanced technology in communications, organised by Radio & Electronics Association of Vietnam (REV) and the IEEE Communications Society (IEEE ComSoc), which gathers over 120 delegates from EU, US, Asia and the region. Dr Le Minh has given a keynote speech in “Visible Light Communications for 5G-and-Beyond Wireless Telecommunications Networks”, which is an emerging technology for future wireless communications networks.





3 New friend of VYA

We welcome Ms Ly Tran Huong, first secretary and education counselor, Representative of the Ministry of Education and Training Vietnam at Embassy of Vietnam in London, UK, to become a friend of VYA.

4 Call for new members and volunteers to help with our wiki page

We are currently inviting high quality applicants for joining VYA. There are four application deadlines each year, which are on January 31st, April 30th, July 31st, and October 31st.

The deadline for the next application round is on January 31th 2019. The application form and guideline are available on our VYA [website](#).

VYA is calling for volunteer to help writing a Wiki page for VYA. If you are interested, please contact us at: info@vietnamyoungacademy.org

5 Networks

The First Forum for Young Vietnamese scholars sponsored by Vietnamese government took place in Danang Vietnam in November 2018:

<http://www.nhandan.com.vn/xahoi/item/38406802-ra-mat-mang-luoi-ket-noi-tri-thuc-tre-viet-nam-toan-cau.html>

6 News on Global Young Academy

News on Global Young Academy is available at [GYA Quarterly Bulletin III December 2018.pdf](#) or <https://globalyoungacademy.net/news/>



7 Funding and award opportunities

7.1 BTA Writing Workshop

The British Academy is calling for proposals to hold writing workshops in order to enhance professional writing skills for early career researchers in developing countries. Vietnamese social scientists who have links with the UK to liaise with your UK collaborators are encouraged to develop proposals and expand your network.

For detailed information please visit this [link](#). Deadline for submission (by UK academics): 16 January 2019.

Value and Duration: Awards are set at a maximum of £20,000. Funding must be used in the direct delivery of the workshops, and can cover travel and related expenses, subsistence costs, clerical assistance and consumables, networking, meeting and/or conference costs.

7.2 Lloyd's Register Foundation's application for "improving the safety of life and property"

Lloyd's Register Foundation's call for research proposals in the areas related to "improving the safety of life and property". This call will consider applications for grants of up to £15,000. Please see more information [here](#). Deadline for application: 15 January 2019.

Lloyd's Register Foundation is a UK charity that supports engineering-related research, training and education that makes a real difference in improving the safety of the critical infrastructure on which modern society relies.

7.3 Pisart Award in Vision Science

Open to established early-career vision clinicians or scientists, generally fewer than ten years following completion of last degree or training, whose noteworthy, innovative and scholarly contributions have the potential for substantial influence in the understanding of vision loss, treatment of eye disease or the rehabilitation



of people with vision loss. The prize includes a cash award of \$30,000 USD. Nominations close 31 December 2018 – see more details at: <https://www.lighthouseguild.org/healthcare-professionals/awards/pisart-award>

7.4 Bressler Prize in Vision Science

Open to established mid-career vision clinicians or scientists whose leadership, research and service have led to important advancements in the understanding of vision loss, treatment of eye disease or the rehabilitation of people with vision loss. Nominations close 31 December 2018 – see more details at: <http://www.lighthouseguild.org/programs-services/awards/bressler-prize-in-vision-science/>

7.5 Gruber Prizes

This biennial award is to acknowledge, publicise and disseminate outstanding ideas and achievements in research related to the science, engineering, technology and commercialisation of renewable energy. The prize consists of a medal and a cash prize of \$50,000 USD. Nominations close 31 December 2018 – see more details at: <https://www.leighannconnprize.com>

7.6 Leigh Ann Conn Prize for Renewable Energy

This biennial award is to acknowledge, publicise and disseminate outstanding ideas and achievements in research related to the science, engineering, technology and commercialisation of renewable energy. The prize consists of a medal and a cash prize of \$50,000 USD. Nominations close 31 December 2018 – see more details at: <https://www.leighannconnprize.com>

7.7 American Association for Clinical Chemistry Awards

These awards recognise outstanding individuals who have had a significant impact in the area of clinical chemistry and laboratory medicine, service to the profession of clinical chemistry, education, technology innovation, or outstanding scientific achievements by a young investigator. Nominations close 31



December 2018 – see more details:

<https://www.aacc.org/community/awards/nomination>

7.8 ACM Grace Murray Hopper Award

The Association for Computing Machinery Grace Murray Hopper Award is awarded to an outstanding young computer professional, selected on the basis of a single major technical or service contribution. The Award includes a prize of \$35,000 USD sponsored by Microsoft. Candidates must be 35 years of age or less at the time that the contribution was made. Nominations close 15 January 2019 – see more at <https://awards.acm.org/hopper>.

7.9 Edward O. Wilson Naturalist Award

This Award is presented by the American Society of Naturalists for a mid-career researcher (within 20 years of completing a PhD) who has made significant contributions to the knowledge of a particular ecosystem or group of organisms. Individuals whose research and writing illuminate principles of evolutionary biology and an enhanced aesthetic appreciation of natural history will merit special consideration. The Award will consist of a work of art and a prize of \$2,000 USD. Nominations close 15 January 2019 – see more at <https://www.amnat.org/announcements/NomEOWilson>

7.10 Sewall Wright Award

The American Society of Naturalists invites nominations for the 2019 Sewall Wright Award from active senior investigators making fundamental contributions to the Society's goals in promoting the conceptual unification of the natural biological sciences. The recipient will be invited to write a paper for publication in a special section of the journal and will receive an honorarium of \$1,000. Nominations close 15 January 2019 – see more at <https://www.amnat.org/announcements/NomWright>

7.11 ASN Jasper Loftus-Hills Young Investigators Awards

The American Society of Naturalists Young Investigators Awards honour



outstanding promise and accomplishment in young investigators conducting integrative work in the fields of Ecology, Evolutionary Biology, Behavioural Ecology, and Genetics. Nominees will have received their doctorate in the preceding three years, or be in the final year of their PhD. The Award consists of a \$500 prize, a travel allowance of \$700, and cost of registration for the Society's meetings. Nominations close 15 January 2019 – see more at <https://www.amnat.org/announcements/NomYIA>

7.12 Grawemeyer Award in Religion 2020

The Louisville Grawemeyer Award honours highly significant contributions to religious and spiritual understanding. Any work presented or published in 2013 or subsequently will be eligible for consideration. Self-nominations are not accepted. Nominations close 15 January 2019 – see more at <http://grawemeyer.org/religion/#toggle-id-2>

7.13 IEEE Technical Field Awards

The IEEE Technical Field Awards are presented for contributions or leadership in specific fields of interest of the IEEE, including biomedical engineering, control systems, electromagnetics, power transmission, signal processing, computing, photonics, robotics, and more. Nominations close 15 January 2019 – see more at <https://www.ieee.org/about/awards/technical-field-awards>

7.14 The Louisa Gross Horwitz Prize

The Louisa Gross Horwitz Prize is awarded annually by Columbia University for outstanding basic research in biology or biochemistry. The purpose of the Prize is to honour a scientific investigator, or group of investigators, whose contributions to knowledge in either of these fields are deemed worthy of special recognition. Nominations close 22 January 2019 – see more at: <http://www.cumc.columbia.edu/research/horwitz-prize>

7.15 AOGS Axford Medal

The Asia Oceania Geosciences Society Axford Medal is presented in recognition



of outstanding achievements in geosciences, and unselfish cooperation and leadership in Asia and Oceania. Nominations close 29 January 2019 – see more at http://www.asiaoceania.org/society/public.asp?view=axford_medal

7.16 American Sociological Association Awards

Each year, ASA recognises a wide range of contributions to the sociological discipline with awards for outstanding scholarship, teaching, practice, and public understanding of sociology. These include awards for students, early career researchers, and senior scholars in the discipline. Nominations for all awards close 31 January 2019 – see more at: <http://www.asanet.org/news-events/asa-awards>

7.17 Biochemical Society Awards

The Biochemical Society offers a number of awards to recognise excellence and achievement in both specific and general fields of science for established researchers as well as scientists in the early stages of their career. The Society would like to encourage nominations that reflect the diversity of the bioscience community. Nominations close 31 January 2019 – see more at: <http://www.biochemistry.org/Awards.aspx>

7.18 Robert Feulgen Prize

The Robert Feulgen Prize will be awarded for an outstanding achievement in the field of histochemistry. The monetary prize to be awarded is 2,000 EUR. The contributions may be either towards the development of new histochemical and cytochemical techniques or in the application of existing technology towards solving important problems in biology and/or medicine. Nominations close 31 January 2019 – see more at: http://www.histochemistry.eu/index.php?page=feulgen_prize

7.19 Theodosius Dobzhansky Prize

The Theodosius Dobzhansky Prize is awarded annually by the Society for the Study of Evolution to recognise the accomplishments and future promise of an outstanding young evolutionary biologist. The Prize is awarded to an early career researcher in any area of evolutionary biology, broadly defined, who is



taking a creative approach to answering pressing questions in the field. Nominees must have been awarded their PhD between May 2015 and 1 February 2019. Nominations close 31 January 2019 – see more at <http://www.evolutionsociety.org/index.php?module=content&type=user&func=view&pid=13>

7.20 European Commission Research and Innovation Horizon Prizes

Horizon Prizes are challenge prizes (also known as 'inducement' prizes) which offer a cash reward to whoever can most effectively meet a defined challenge. They act as an incentive for innovation. They prescribe the goal but not who the innovator should be or how the goal should be achieved. The prizes are offered in multiple categories with a range of closing dates – see more details at: <http://ec.europa.eu/research/horizonprize/index.cfm?pg=prizes>

7.21 Humboldt Research Award

The award enables international researchers to spend a period of up to one year cooperating on a long-term research project with specialist colleagues at a research institution in Germany. Nominations may be submitted online by established academics in Germany. The Alexander von Humboldt Foundation particularly encourages the nomination of qualified female academics. Nominations open all year round – see more details at: <https://www.humboldt-foundation.de/web/humboldt-award.html>

7.22 Benjamin Franklin Medals

The Franklin Institute seeks nominations from the following seven disciplines of science: chemistry; civil and mechanical engineering; computer and cognitive science; earth and environmental science; electrical engineering; life science; and physics. Nominations for the Benjamin Franklin Medals are accepted at any time – see more details at: <https://www.fi.edu/call-for-nominations>