

THE INTERNATIONAL YOUNGER CHEMISTS NETWORK NEWSLETTER

October 2018, Issue 5



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Upcoming Events and Activities in 2018 and 2019

10 to 12 November	Thessaloniki, Greece	2nd Conference in Chemistry for Graduate, Postgraduate students, and PhD Candidates in Aristotle University of Thessaloniki
19 to 21 November	Rimini, Italy	Merck & Elsevier Young Chemists Symposium (Italian Chemical Society - SCI - Giovani)
19 to 23 November	Cape Town, South Africa	International Conference on Surfaces, Coatings and Nanostructured Material (NANOSMAT-Africa)
27 to 30 November	Kingston, Jamaica	21st General Meeting and Conference - The Caribbean Academy of Sciences
9 to 11 January	Mumbai, India	Bonding C to Shining C conference (THINQ pharma)



Support Wanted

Do you or your organization/company want to support IYCN and its progress?

Please contact us via the following e-mail address:

iycn@iupac.org.

We are searching for financial support for travel awards and poster/oral-presentation awards.

Thank You to Our Sponsors

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IYCN attends the American Chemical Society Fall National Meeting

IYCN had a strong presence at the Fall National Meeting of the American Chemical Society (ACS) which was held in Boston in August, 2018. Not only did this meeting give many IYCN members the opportunity to come together to meet and discuss ideas, but we also gave presentations at a number of meetings and during the conference. Our Chair, Evi Llabani was asked by the International Activities Committee of the ACS to give them an update on the progress of our network. Their support and enthusiasm for IYCN is very much appreciated! As a direct result of this presentation, we were invited to present at the meeting of the Federation of the Asian Chemical Societies (FACS) which has opened doors for us to collaborate with many new societies.



Felicia Lucci, Evi Llabani, Lori Ferrins and Bailey Mourant at ACS Fall National Meeting



Lori Ferrins, Willis Muganda, Catie Rawlins and Caitlyn Mills at ACS Fall National Meeting in Boston

We also gave two presentations as part of the main conference program. The first was entitled “Young chemists leading positive change” and was part of the Science Diplomacy session sponsored by the ACS Division of Chemical Education. The second presentation called “Local and global chemistry initiatives of young chemists” was sponsored by the ACS Younger Chemists

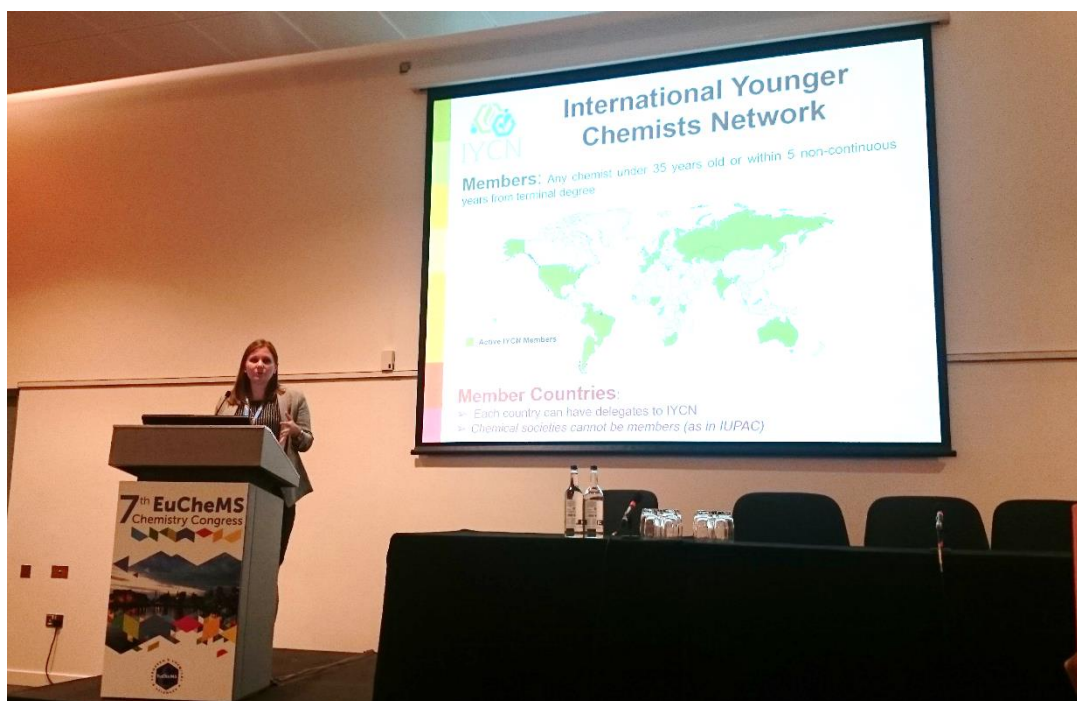
Committee. As a direct result of these presentations, our network has expanded and we have made invaluable connections. What was more gratifying still was the overwhelmingly positive response we received from chemists who are keen to support our network.

Lori Ferrins and Catherine M. Rawlins

Activities and Impressions of IYCN at 7th EuCheMS Chemistry Congress in Liverpool

IYCN was present at the 7th EuChemMS Chemistry Congress in Liverpool from 26 to 30 August with lots of active members. As part of the “Young Chemists Crossing Borders” (YCCB) exchange program of ACS and EuChemS Caitlyn Mills (conference presence team), Catie Rawlins (conference presence chair) and Lori Ferrins (IYCN vice-chair) were able to attend the conference from the US. From the European side Sophie Carenco (governance chair), Torsten John (finance team), Fernando Gomollón-Bel (governance team) and Sebastian Weber (social media chair) attended the congress.

Lori Ferrins presented IYCN and its progress in a 20-minute talk in the Chemists’ Network session organized by the European Young Chemist Network (EYCN). The interest in this presentation was phenomenal and well-known scientists attended the talk, just to name two of them: Prof. Pilar Goya (President of EuChemS) and Prof. Peter K. Dorhout (President of ACS).



Lori giving a talk about IYCN during the EYCN Chemists' Network session

Another great opportunity to increase IYCNs’ publicity was the EYCN networking reception where many young chemists showed an interest in our activities. We had our own booth with some giveaways and talked to lots of people. We were very happy to see the increasing interest and additionally could recruit new members during the conference.



Group picture of the active IYCN member present at the 7th ECC in Liverpool during the EYCN networking reception

The presence of many active members and co-organizers of IUPAC 2019 was furthermore used to discuss and plan our activities during the conference in Paris next year.

All in all, it was a successful conference for networking and increasing the publicity of IYCN in the chemical community. Special thanks to all EYCN active members who organized the sessions for young chemists and the YCCB program. We could clearly see the existing demand of young chemists to get involved in an international network, which motivates us to keep on working and pushing our project of a global network for young chemists.

Sebastian Weber

IYCN at Sao Paulo School of Advanced Science on Renewable Energies

The summer school was composed of about 50 international students and 50 Brazilians. There was a very diverse group of scientists ranging from chemical engineers to architects. Although chemists were a minority I promoted IYCN wherever possible. It was a really good time! Thank you for getting the pens to the people. I will keep promoting IYCN at UCSB.

Raymond Borg



Attendees of the summer school in Sao Paulo together with our Conference Presence Team Member Ray



 IYCN

To Create a Unified Global Network of Young Chemists to:

- Communicate
- Collaborate
- Educate
- Mentor

IUPAC's Periodic Table of Younger Chemists

In celebration of the 100th anniversary of IUPAC and the International Year of the Periodic Table, IUPAC and IYCN announce the creation of a [Periodic Table of Younger Chemists](#). Beginning in July 2018 and ending in July 2019 at the World Chemistry Congress and IUPAC General Assembly, we will honor a diverse group of 118 outstanding younger chemists from around the world.

The deadline for the first eight elements of IUPAC's Periodic Table of Younger Chemists was June 11th. The nominations are currently open, so do not hesitate to use this opportunity to nominate a worthy candidate. All nominations must be submitted via the [on-line form](#).

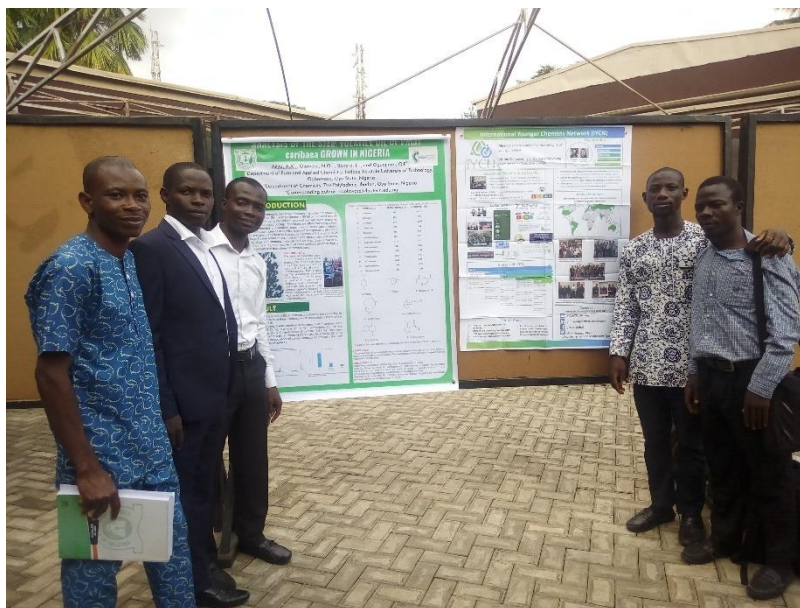
Last issue we informed you about the first eight selected young scientist. In the meantime 24 further young chemists have been awarded: Paul D. Topham (H, Aston University, UK), Marielle Yasmine Agbahoungbata (Mg, MathFinEco University, Benin), Markita Landry (Sr, University of California Berkeley, US), Jose Vincente Climent (Ba, Johnson & Johnson, Spain), Gabriel dos Passos Gomes (Y, Florida State University, Brazil), Sammy Verbruggen (Ti, University of Antwerp, Belgium), Claudia Bonfio (Zr, MRC Laboratory of Molecular Biology, Italy), Mirabbos Hojamberdiev (Mo, Uzbekistan-Japan Innovation Center of Youth, Uzbekistan), Nir London (W, The Weizmann Institute of Science, Israel), Teera Chantarojsiri (Mn, Mahidol University, Thailand) Sadhna Mathura (Co, University of the Witwatersand, South Africa), Lori Ferrins (Ni, Northeastern University, US), Ernest Awoonor-Williams (Zn, Memorial University, Canada), Andrea Straková Fedorková (Pt, Pavol Jozef Safarik University in Kosice, Slovakia), Zhuang Liu (Hg, Soochow University, China), Shuao Wang (U, Soochow University, China), Xiaoguang Lei (N, Peking University, China), Shannon Esswein (O, California Institute of Technology, US) Hwan-Ching Tai (P, National Taiwan University, Taiwan, China), Shaimaa Goher (Cl, Benha University, Egypt), Jorge Alegre-Cebollada (As, Centro Nacional de Investigaciones Cardiovasculares, Spain), Maria Spasova (Sb, Bulgarian Academy of Sciences, Bulgaria), Edmond Sanganyado (Te, Shantou University, Zimbabwe) and Sukdev Bag (Bi, Indian Institute of Technology Bombay, India)

We are excited about these ongoing elections and intend to keep you updated about the ongoing elections via our newsletter and social media channels.

Sebastian Weber

Promotion of IYCN at Two Different Conferences in Nigeria

IYCN was represented by Mr. Aliyu Akeem of the finance team at two different conferences. The first one was organized by the Chemical Society of Nigeria (CSN) which took place in Ibadan, Oyo State, Nigeria with the theme “Chemical Sciences in an Emerging Economy Issues, Prospects and Opportunities”. I used the opportunity to introduce IYCN during my poster presentation titled “Analysis of the Stem Volatile Oil of *Pinus caribaea* Grown in Nigeria”. I also discussed about the organization to younger chemists that were present at the conference.



IYCN poster presentation by Aliyu at the conference organized by the Chemical society of Nigeria in Ibadan.

The second conference was organized by the Students’ Chemical Society of Nigeria. It is an annual conference that is usually organized by chemistry students across Nigeria. A huge success was recorded at the 16th conference which took place from 24th to 26th of September 2018 at Ladoke Akintola University of Technology, Ogbomosho, Oyo State, Nigeria. The theme of the conference was "Chemistry: A career towards self-sufficiency". The conference was decorated with lots of interesting, educational and entertaining programs which included career talks, Google digital training, sport, students’ paper presentations and quiz competitions among many others.



Aliyu representing IYCN at the annual conference of the Students’ Chemical Society of Nigeria.

Sixteen students from Chemistry and Chemical Engineering departments gave oral presentations during the conference with the presentations spanning across the three days of the program. Students from University of Ilorin, Obafemi Awolowo University, Federal University of Technology Minna, Ladoke Akintola University Technology (LAUTECH) and some other northern institutions participated in the occasion with their interesting paper presentations. Olawusi Oluwaseun and Adeniran Oyindamola from the Department of Chemical Engineering LAUTECH, were ranked third position with their paper titled "Optimization of Biosorption Efficiency of Biocomposite derived from Groundnut Shell and Mango Pod for the Removal of Methylene Blue from Wastewater", while Adeyemi Kabirat from the Department of Pure and Applied Chemistry, was ranked the second best presenter with a paper titled "Biomarker Geochemistry and Petroleum Source-rock Potential of Enugu Shale, Anambra Basin Nigeria". The first position went to Atunde, M.O from University of Ilorin with a paper titled "Synthesis, Characterization, Application and Thermodynamics Study of 4-((4-hydroxyphenyl) Diazenyl)Naphthalen-1-ol on Cotton".

Aliyu Akeem

New Finance Team Lead

Willis Collins Akeyo Muganda replaces Felicia Lucci as leader of our finance team. He was already an engaged member of the finance team. We thank Felicia for her service to IYCN and her efforts to develop our network! We are looking forward to fruitful work with Willis as the new team lead and wish both all the best.

Sebastian Weber

Active Members in IYCN



Aliyu Akeem Abefe received his B.Tech in Pure and Applied Chemistry in 2012, and M.Tech (Organic Chemistry) in 2018, both from Ladoke Akintola University of Technology, Ogbomosho, Nigeria.

Selected Awards:

- Best Poster Presentation for Masters category at the symposium organized by the American Chemical Society Nigeria International Chemical Science chapter in May 2017.

Sub-committee/Position: Finance Team



Hmunshel Jasha, Ph.D. received his Bachelor of Science in Chemistry (Honours) with Biochemistry & Zoology (Elective), in 2005 at St. Edmund's College, Shillong, India and master of Science in Chemistry (Organic Chemistry), in 2007, from North Eastern Hill University, Shillong, India. He went on to complete his Ph.D. in the field of Natural Product Chemistry from the Department of Chemistry, North Eastern Hill University, Shillong, India, in 2016. He is currently working as Senior Technical Staff in Sophisticated Analytical Instrument Facility, North Eastern Hill University, Shillong, Meghalaya, India. His Research Interest are: Natural Product Chemistry, Organic Synthesis, Chemical Biology, Metal Biology, and Nanoscience. He also has keen interest in networking Science and Society.

Selected Awards:

- DST-SERB Young Scientist International Travel Scheme (ITS) grant by Department of Science and Technology (DST), Government of India (2012).
- DST-FIST-NER Visiting fellowship to Ph.D. Student by Department of Science and Technology (DST), Govt. of India (2010-2011).
- Graduate Aptitude Test in Engineering (GATE) qualified in Chemical Sciences, March, 2009 conducted by IIT, Roorkee.

Sub-committee/Position: Conference Presence Team



Christine E. Dunne received her Ph.D. in Organic Chemistry with a focus on Natural Product Synthesis and Medicinal Chemistry from Colorado State University (Fort Collins, CO, USA) in the summer of 2018 and her B.Sc. in chemistry from Northeastern University (Boston, MA, USA) in 2013. While finishing her doctoral research, she worked as a Research Assistant at Cetya Therapeutics. She is entering into the field of patent law on a patent attorney career track at a firm in Boston, MA, USA. She is a Member and Membership Engagement Sub-committee Chair of the Younger Chemists Committee of the American Chemical Society. Additionally, she volunteers with IUPAC, specifically with IUPAC100 and the Periodic Table of Younger Chemists Project.

Selected Awards:

- Graduate Outreach Award (Colorado State University)
- Outstanding Teaching Assistant (Colorado State University)
- Bush Graduate Fellowship (Colorado State University)
- Bernie Lemire Outstanding Senior Award (Northeastern University)

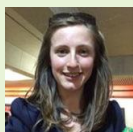
Sub-committee/Position: Governance Team



Matthew Chrzanowski is currently a PhD student studying synthetic organometallic and main-group chemistry at Case Western Reserve University in the U.S.A. under the supervision of Prof. Thomas Gray. His projects center around introducing main-group elements into thermally activated delayed fluorescent emitters. Additionally, Matt has great interest in chemistry education research, specifically studying learning in tertiary level laboratories.

Sub-committee/Position: Public Outreach Team

IYCN Executive Board



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