

THE INTERNATIONAL YOUNGER CHEMISTS NETWORK NEWSLETTER

July 2021, Issue 14



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Upcoming IYCN General Assembly 8th August 2021

More information will follow on our Social Media channels or website soon!

New Articles About the IYCN

"Younger Chemists Thriving during the Global COVID-19 Pandemic", Fatima Mustafa, Raymond Borg and João Borges, *ChemViews* **2021**, DOI: [10.1002/chemv.202100032](https://doi.org/10.1002/chemv.202100032)



Support Wanted

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

Please contact us via the following e-mail address: iycn@iupac.org.

We are searching for funds to support our activities including the extended development of online activities.

IUPAC Global Women's Breakfast 2021 and Exciting Plans for 2022

This year's IUPAC Global Women's Breakfast (GWB) took place on the 9th of February 2021. The GWB aims to promote and support women working across the chemical sciences. It is a worldwide event led by IUPAC, while the events are organized by local volunteers. IUPAC provides information material for the GWB, which can be used by the organizers, but innovative ideas for the format by the local volunteers are highly welcome. General information about the GWB can be found on the following website: <https://iupac.org/gwb/2021/>. All local events are summarized on a map. If your country and city were not present in this year's GWB, then why not already start preparing for next year's event and become an organizer?



This year, there were more than 300 events organized in 70 countries. Several members from IYCN took part in organizing and attending local events. Furthermore, Lori Ferrins, Fun Man Fung, Hooi Ling Lee, Fatima Mustafa, Bailey Mourant and Sadhna Mathura - all present or former active members of IYCN - were part of the GWB task group. In this newsletter issue, we highlight parts of their contributions and share their experience in attending the event. For a detailed overview of this year's GWB, we refer to an upcoming article written by Mary J. Garson, Laura L. McConnell, and Lynn M. Soby in *Chemistry International* entitled "IUPAC Empowers Diversity in Science with the Global Women's Breakfast Network".

As IYCN, we support the GWB as an unique opportunity to bring together older and younger generations, women and men in science, and support international connections and generally connect anyone who strives to foster equal opportunities and diversity in the chemical sciences. The GWB enables young chemists to find mentors or create a network, which can guide them through challenges during their career path. The focus of the GWB is to tackle gender equality in chemical sciences; however, the event is inclusive for all as this challenge must be solved by the whole chemistry community.

IYCN is happy to support the GWB and will continue to work together with IUPAC in organizing, promoting, and participating in events all over the world.

The date for the GWB 2022 is already fixed as 16th February 2022. Start already now to plan next year's event: <https://iupac.org/gwb/2022/>.

Sebastian Weber

IYCN participation at the IUPAC Global Women's Breakfast 2021 in Egypt

The IUPAC Global Women's Breakfast 2021 (IUPAC-GWB2021) in Egypt was organized by the Nanotechnology Research Center (NTRC) of the British University in Egypt (BUE). The theme of the event was "promoting diversity in science". IYCN was presented by Shaimaa Goher, an assistant researcher at the Nanotechnology Research Center (NTRC) and IYCN public outreach committee member, who gave a 10-15 min presentation on "IYCN: a unified global chemists network at a glance". Shaimaa shared the history and goals of IYCN, its projects and activities, and opportunities for younger chemists. She also discussed it in detail during the breakfast with the audience and stressed the impact of public outreach and networking on building professional networks, developing leadership skills and promoting the role of women in science.

Shaimaa Goher



Shaimaa Goher presenting the IYCN at the NTRC-BUE IUPAC Global Women Breakfast 2021 event.

Eastern US Younger Chemists Committee (YCC) Partnership

The aftermath of the COVID-19 pandemic that started in spring 2020 has aborted the hosting of in-person events that are traditionally leveraged to foster networking, and support the career and professional development of younger chemists. It became evident that programs would have to be offered virtually using platforms such as Zoom.



Image showing some of the members of the Eastern US Younger Chemists Committee Partnership attending an executive committee meeting in January 2021.

During last spring, Dr. Julian Bobb, Chair of the ACS Virginia Section YCC and Postdoctoral Researcher at Virginia Commonwealth University, was wondering about how he could continue to keep YCC members engaged. He then attended a webinar entitled “A Day in the Life of a Forensic Scientist” that was hosted by Dr. Lori Ana Valentín, the Chair of the Eastern New York Section YCC and Forensic Scientist at the New York State Police Crime Laboratory. The ‘Day in the Life’ series started with Dr. Valentín with the goal of having speakers sharing about the different careers one could pursue with a chemistry background. Dr. Bobb connected with Dr. Valentín on LinkedIn afterwards to inquire about collaborating. At the same time, Dr. Valentín reached out to Ms. Isabella Goodenough, Chair of the Philadelphia Section YCC and Ph.D. student of physical/analytical chemistry at Temple University. The chairs held their first meeting over Zoom and recognized that by working together, they could have an even greater influence on getting their respective YCC members engaged. Since then, the newly dubbed Eastern US YCC Partnership has expanded to other ACS local sections including Nashville, St. Louis, Northern New York, North Carolina, and Rochester, as well as the Graduate Chemistry Society of the University of Puerto Rico–Río Piedras. The objectives of the partnership are to promote collaboration and support, cultivate leadership skills, and invest in long-term membership amongst local section groups while delivering easy accessible professional development programs.

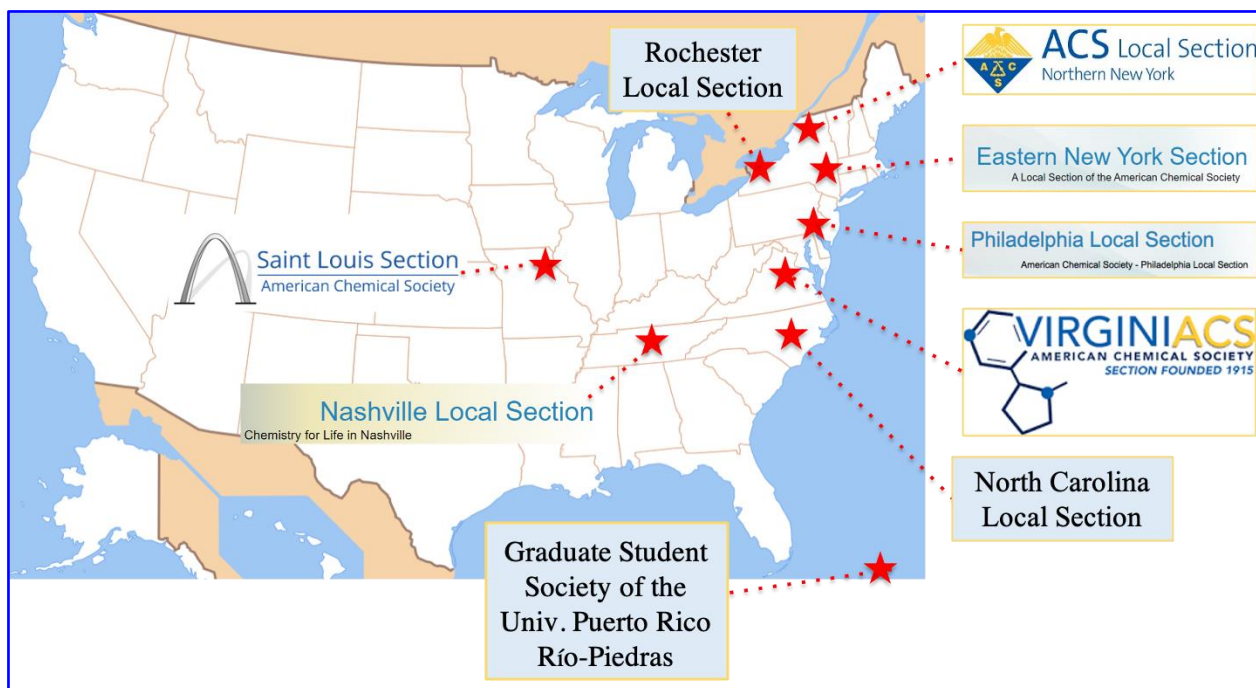


Image showing the various organizations that make up the Eastern US Younger Chemists Committee Partnership.

Moreover, in addition to the 'Day in the Life' series, other programs being offered include workshops such as CV/resume writing, interviewing skills, graduate school preparation, networking, and webinars that focus on stress management and building self-confidence. So far, approximately 500 younger chemists have attended the combined events from across the United States, and various foreign nations including Brazil, Colombia, Mexico, Puerto Rico, Canada, Morocco, and India. The Eastern US YCC Partnership was featured in the October 2020 issue of in Chemistry (The ACS Student Member Magazine) describing how the partnership was founded. They were also given the opportunity to participate in the 'Share Your Story' segment at the kick-off event of the 2021 ACS Leadership Institute Experience in January 2021 to highlight the successes of the partnership. The Eastern US YCC partnership is looking forward to hosting it's first research symposium and chemistry career fair in August 2021 which is being sponsored by a 2020 ACS Members Engaging Through Technology (METT) Grant.

Fatima Mustafa

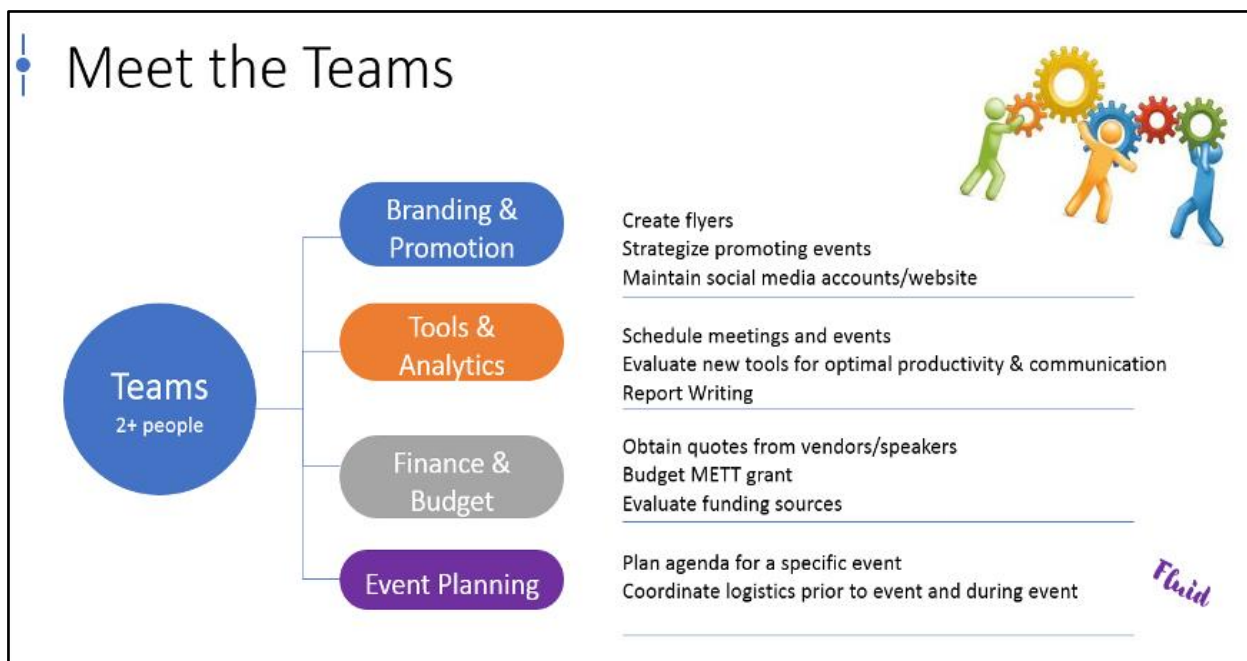
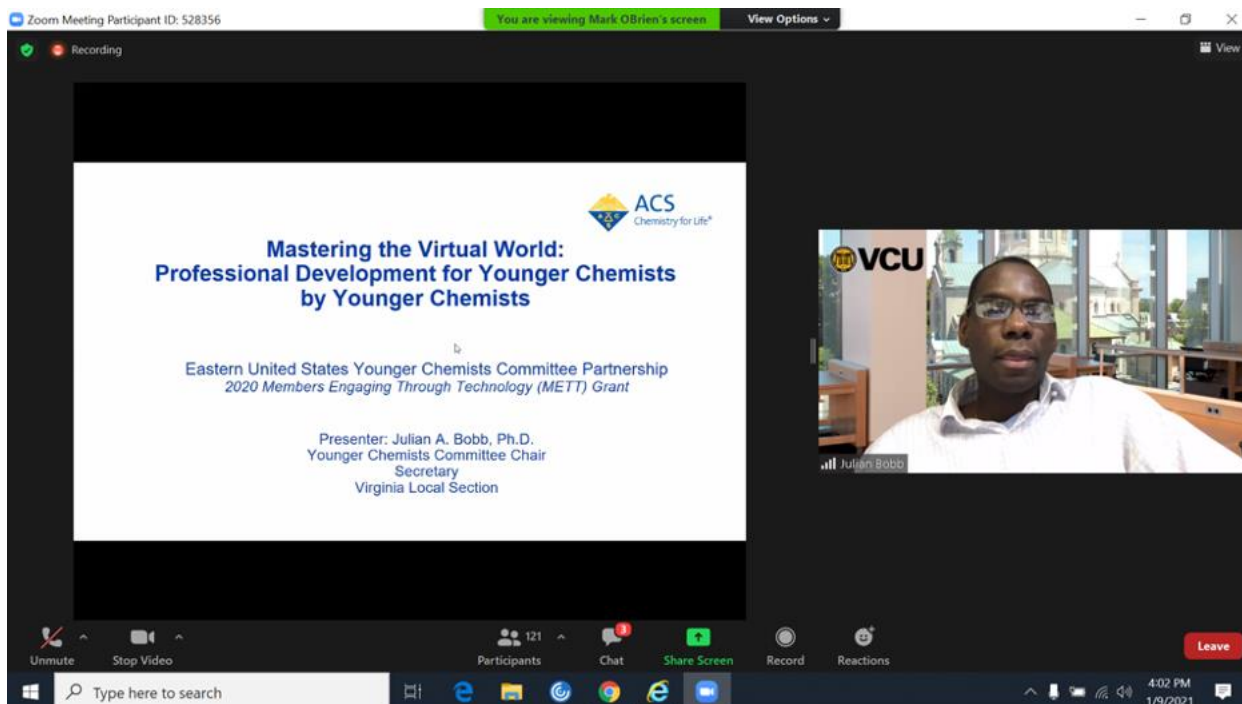


Image showing the organizational structure of the team.



An Eastern US Younger Chemists Committee Partnership member presenting in the 'Share Your Story' segment at the 2021 ACS Leadership Institute Experience Kick-Off event on January 9th, 2021.

Diversity, Equity and Inclusion at IYCN

IYCN is dedicated to creating an environment where all of those in the chemical sciences are welcomed globally. We believe that celebrating our differences and what makes us unique, including, but not limited to race, ethnicity, gender, disability, sexual orientation, gender identity, national origin, tribe, caste, socio-economic status, thinking and communication styles, will help us to create a more sustainable and inclusive scientific community and world.

We want to amplify the messages and work of organizations and initiatives that advocate for marginalized scientists through the channels of IYCN.

Please find below information about:

- the Canadians Working for Inclusivity in the Chemical Sciences, Engineering, and Technology (CWIC) Network,
- the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE),
- BlackinChem, and
- the Society for the Advancement of Science in Africa.

If you want your organization or initiative highlighted, please fill out the following Google Form (<https://forms.gle/2XzEYNVLXapP8y4y7>) or contact us at iycn@iupac.org.

Torsten John, Anika Tarasewicz

Canadians Working for Inclusivity in the Chemical Sciences, Engineering, and Technology (CWIC) Network

Location: *Canada*

Year founded: *2017*

Keywords: *Diversity, Inclusion, Equity*

Website Link: cwicnetwork.com

Social Media: [@CWICNetwork](https://twitter.com/CWICNetwork),

www.linkedin.com/in/canadians-working-in-chemistry-cwic-network-aa85501a0/

Email: info@cwicnetwork.com

Mission Statement and/or Objectives

The purpose of the CWIC Network is to promote inclusivity, equity, and diversity in the chemical sciences by connecting inclusivity in chemical sciences groups across Canada.

How can Someone Become a Member of the Organization or Volunteer for Your Events?

Send an email to info@cwicnetwork.com



National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE)



Location: US

Year founded: 1972

Keywords: Chemistry, Black, Students

Website Link: www.nobccche.org

Social Media: -

Email: answers@nobccche.org

Mission Statement and/or Objectives

The mission of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE) is to build an eminent cadre of successful diverse global leaders in STEM and advance their professional endeavors by adding value to their academic, development, leadership, and philanthropic endeavors throughout the life-cycle of their careers. To that end we have established educational partnerships with school districts, municipalities, businesses, universities, and other organizations in the public and private sectors to provide and support local, regional, national, and global programs that assist people of color in fully realizing their potential in academic, professional, and entrepreneurial pursuits in chemistry, chemical engineering, and allied fields.

How can Someone Become a Member of the Organization or Volunteer for Your Events?

By paying dues

Upcoming Event/Activity

Virtual National Conference, Sept 16-18

BlackinChem

Location: US

Year founded: 2020

Keywords: Black, Excellence, Chemistry

Website Link: www.blackinchem.com

Social Media: @BlackInChem

Email: blackinchem@gmail.com

#BLACKINCHEM



Mission Statement and/or Objectives

Affiliated with NOBCCChE

How can Someone Become a Member of the Organization or Volunteer for Your Events?

Twitter engagements

Society for the Advancement of Science in Africa



Society for the Advancement
of Sciences in Africa - SASA

Location: *Canada*

Year founded: *2013*

Keywords: *Association of scientists*

Website Link: <https://sasascience.org/about-sasa/>

Social Media: -

Email: fakena@kab.ac.ug, jokapalanga@gmail.com,
dbuyinza@kab.ac.ug

Mission Statement and/or Objectives

SASA's mission is to facilitate a multidisciplinary approach to scientific research, innovation, and technological advances to support sustainable social and economic development of Africa.

How can Someone Become a Member of the Organization or Volunteer for Your Events?

Apply online

Upcoming Event/Activity

We are organizing an international scientific conference in Ghana in October 2021

Upcoming: ACS Webinar on Service Dogs

A webinar on Service Dogs, hosted by the subcommittee of the ACS Committee on Chemists with Disabilities (CWD) will be held on September 22, 2021 at 2:00 EDT.



CWD serves as a resource to the chemistry community with reference to issues concerning the education and employment of individuals with disabilities. This event is in response to inquiries from educators and ACS members wanting information on accommodating Service Dogs in the laboratory and other educational settings.

The webinar will feature a panel of experts presenting their experiences and relevance to today's concerns. Such issues pertaining to legislation and laboratory protocol as well as the responsibilities and expectations of the recipients - how service dogs are trained and utilized, will be addressed. This will be followed by a question-and-answer period.

The webinar will be one hour long and will be available on the ACS GoToWebinar platform. The audience is welcome to post questions in the Q&A feature. For more information, please contact the Committee on Chemists with Disabilities at cwd@acs.org.

The link to the webinar will be posted on the following webpage closer to the event date: <https://www.acs.org/content/acs/en/acs-webinars.html>

Laureen Summers – ACS CWD

IUPAC World Chemistry Congress 2021

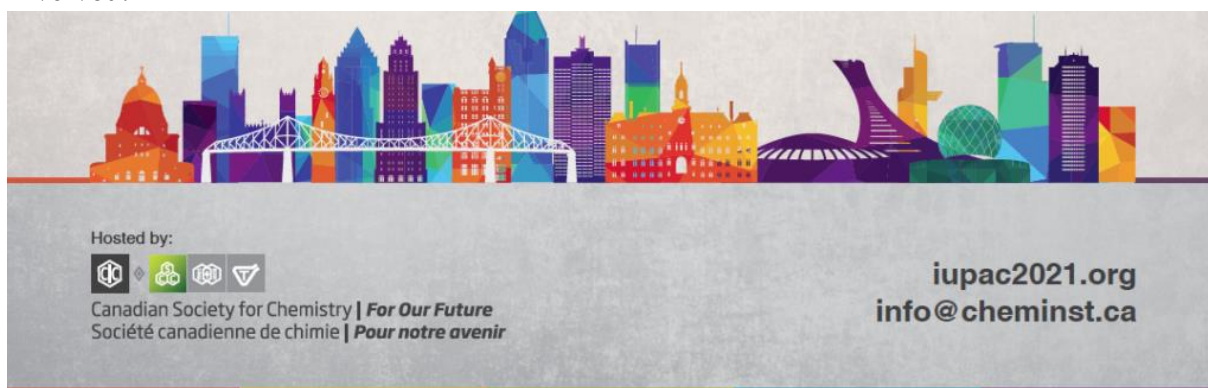


The organizing committee of the **IUPAC | CCCE 2021** World Chemistry Congress has decided that this year's conference will be an entirely virtual event to ensure the health and safety of the chemistry community. This means that, although we would be delighted to meet you all in-person, that will not be possible this time.

However, we are very pleased to inform you that we will be organizing the following events under the umbrella of **IUPAC | CCCE 2021**:

- 1) The 2021 IYCN **General Assembly** will be held online prior to the beginning of the formal programming of **IUPAC | CCCE 2021**. We are currently finalizing the list of IYCN Delegates and we will be soliciting nominations for the positions of Chair-Elect, Treasurer and Secretary in the coming months.
- 2) The IYCN virtual symposium on “**The United Nations Sustainable Development Goals for the Benefit of Society**” (<https://www.cheminst.ca/conference/ccce2021/program/program-overview/chemistry-for-society/>), under the *Chemistry for Society* theme, which will feature 3 invited and 6 non-invited talks open to the younger chemists community working on the Sustainable Development Goals for the betterment of the Society. The symposium includes presentations from Luc Allemand (International Year of Basic Sciences for Sustainable Development 2022 and Afriscitech), Brenda Koekkoek (Strategic Approach to International Chemicals Management), and Anindita Bhadra (Global Young Academy). The talks will be pre-recorded on-demand prior to the congress and a live Q&A session will take place on August 18th from 11:30 AM to 12:20 PM ET. Join us, raise your questions and engage in a fruitful discussion with the speakers!
- 3) The IYCN/ACS Younger Chemists Committee joint workshop “**Younger Chemists’ Soft Skills Development Workshop**” (<https://www.cheminst.ca/conference/ccce2021/program/program-overview/workshops/>).

We would very much like to have the support and active participation of the community of younger chemists in the conference, in particular in the live events in which IYCN is involved.



Open IYCN Calls

In this section new and open calls for volunteers, positions or projects of IYCN will be presented.

Nominations for Chair-Elect, Secretary and Treasurer



Deadline:
16-Jul-2021

International Younger Chemists Network Election 2021

Nominations are open:
Chair-Elect
Secretary
Treasurer

Use the link or the QR code to run for one of the positions!
Link: bit.ly/3qrx0mR



Graphic Designer Wanted!



We are looking for an additional graphic designer! If you're interested, please apply via the following email: socialmedia.iycn@gmail.com. Please send us an example of a flyer about the representation of IYCN at a conference and optionally your CV together with a short motivational statement by **31 August 2021**.

Experiment Translators Wanted!



We are looking for volunteers to translate the experiments of our experimental database from English. Any language and translation is well appreciated.

If you're interested, please contact us under the following email: socialmedia.iycn@gmail.com. All translators will receive a certificate for their translation and will be acknowledged on our social media accounts.

Active Members in IYCN



Lieke van Gijzel is a current Marie Curie PhD fellow at the TU in Darmstadt. Focusing her research on the design, synthesis and analysis of new cancer medicine. In 2019 and 2020, she graduated from two master programs. The first was pharmaceutical sciences at the University of Copenhagen and the second in drug design and synthesis at the Free University of Amsterdam. Apart from her studies, Lieke feels passionate about giving young chemists a voice, improving education, and increasing equality in the sciences. Trying to actively pursue these goals, she joined the national board of Jong KNCV (2017) and later the European board of EYCN (2019) of the younger chemist associations. Since 2021 she is leading the Conference Presence Team of IYCN.

Sub-committee/Position: Conference Presence Team, Team Lead



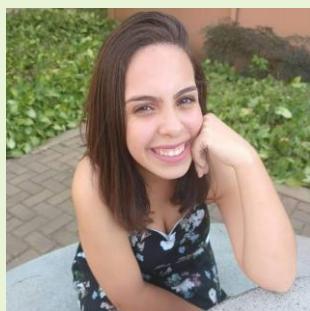
Maria Camila Aguilera received her B.S. in Chemistry from the Universidad Nacional de Colombia at Bogotá and her M.Sc in Chemistry in 2020 from the University of Rochester. She is currently a chemistry PhD student at the University of Rochester, USA working in physical-inorganic chemistry and catalysis.

Camila is an active member of the Rochester local section Younger Chemists Committee (YCC), American Chemical Society (ACS), and the International Younger Chemists Network (IYCN).

Selected Awards:

- The Arts, Sciences and Engineering Donald M. and Janet C. Barnard Fellowship, University of Rochester, 2021-2022
- Samuel A. & Ellen F. Lattimore Fellowship, University of Rochester, 2020

Sub-committee/Position: International Society Liaison



Carolina Sotério graduated in Chemistry (University of São Paulo, USP), she is a Specialist in Science Journalism (State University of Campinas, UNICAMP) and PhD student in Public Communication of Science and Technology (USP). She was Founder and President elect of the first American Chemical Society Student Chapter in Brazil (focused on science outreach), Student Representative elect at the Center for Scientific and Cultural Dissemination (CDCC/USP) and collaborated with the Young Researchers network at the Brazilian Chemical Society (JP-SBQ). In the world of podcasting, she is the creator and producer of Minuto da Química (UFSCar Radio) and Quarantena (Oxigênio/UNICAMP Web Radio).

Selected Awards:

- Fundação de Apoio à Pesquisa do Estado de São Paulo Doctoral Research Fellowship, 2020: University of São Paulo, Physical Chemistry Department.
- Culture & Science Outreach, São Carlos Institute of Chemistry, University of São Paulo, 2019.
- I Divulgathon Winner (Science Communication Hackathon) and Pint of Science presenter, Institute of Mathematical and Computer Sciences, University of São Paulo, 2019.
- Younger Chemists Committee (YCC) Leadership Award, first international student laureate, American Chemical Society, 2017.
- Science & Technology, 3M, 2014

Sub-committee/Position: Public Outreach Team



Chika Okorie an incoming PhD student researcher at the Chemistry and Biochemistry Department- Texas Tech University, Lubbock (USA). A lifelong learner and sustainability promoter whose research is focused on climate change mitigations as it pertains to human health and environmental sustainability. His engagements revolve around enhancing skills for independent research, proposing novel solutions in areas of sustainability through industrial integration and advanced knowledge.

Selected Awards

- Hultz Prize On-Campus Undergraduate Pitch Award, 2019
- NNPC/TOTAL Award Grant, 2017

Sub-committee/Position: Conference Presence Team

IYCN Executive Board



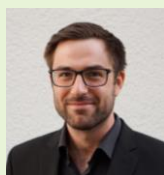
Chair
Lori Ferrins



Chair-Elect
João Borges



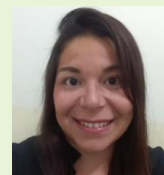
Secretary
Fun Man Fung



Treasurer
Max Männel



Graphic Designer
Franz Göhrlich



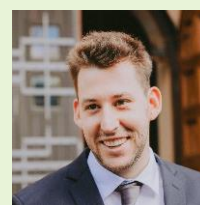
Webmaster / Social
Media
Gabriela Tormet



Conference Presence
Lieke van Gijzel



Finance
Willis Muganda



Public Outreach
Emiel Dobbelaar



International Society
Liaison
Torsten John



Governance
Stephen Aderinto



Social Media
Sebastian Weber

Contact Information



iycn@iupac.org



iycnglobal.com



[linkedin.com/company/iycn/](https://www.linkedin.com/company/iycn/)



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<https://bit.ly/3qdgu9Q>

Editor-in-chief: Sebastian Weber, socialmedia.iycn@gmail.com

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