

Office of the Associate Provost for Research, Innovation and Creativity



RESEARCH AND CREATIVITY
CONVENTION
2022

Research and Creativity Convention 2022

March 27- March 31, 2022

Program Booklet

Organizing Committees

AUC hybrid Research and Creativity Convention

Adham Ramadan, Associate Provost for Research, and Dean of Graduate Studies
Shams AlBatrawy, Senior Director, Office of Research & Creativity Advancement, AP-RIC Office
Heba Sheta, RCC 2022 Manager, Office of Research & Creativity Advancement, AP-RIC Office.
Dina El-Hennawy, Treasurer, AP-RIC Office
Nour El Akkad, Manager, Intramural Grants & Awards, Office of Research & Creativity Advancement, AP-RIC Office
Marwa Abohamda, Senior Specialist, Research and Creativity Metrics
Mostafa Khan, RCC 2022, Technical Consultant
Sarah Bendary, Virtual Events Management and Support Specialist, ACTSS
Amr Maghraby, Sound and Lighting Team Leader, ACTSS
Susanne Rizzo, Director of Undergraduate Research, Department of English Language Instruction
Nancy Georgy, Senior Administrative Affairs Assistant, Office of the Undergraduate Research
Ghada Elshimi, Dean of Undergraduate Studies and Academy of Liberal Arts, Core Curriculum Director
Michael Gibson, Senior Instructor, Department of Rhetoric and Composition
Doris Jones, Senior Instructor II, Department of Rhetoric and Composition
Sophie Farag, Senior Instructor II, Department of English Language Instruction, Academy of Liberal Arts
Andreas Kakaroungkas, Assistant Professor of Cell and Molecular Biology, Department of Biology
Juleen Keevy, Instructor, Department of Rhetoric and Composition
Chelsea Green, Associate Professor, Music Program Director, Department of the Arts
Hoda Mostafa, Professor of Practice and Director, Center for Learning and Teaching
May Rashdan, Production Officer, Department of the Arts
Amr Taha, Senior Technician, Department of the Arts
Ahmed El Sherbiny, Senior Specialist Administration, Department of the Arts
Sahar Farag, Associate Director, Web Content Management
May Fouda, Officer, Web Content
Azza Mounir, Senior Content Officer
Ghada Sheba, Senior Director, Marketing and Communication Projects
Bassem Gamal, Executive Visual Designer
Mai Nawar, Senior Officer, Events Promotion Management
Marwa Nasr, Presidential Events Senior Manager, Office of the President
Ghada Fawzy, Director, Egyptian Government Relations, Office of the Counselor
Hussein Sayed, Officer, Administration & Governmental Relations
Karim Hassan, Administrative Support, Office of the Counselor
Dalia Ashmawi, RCC 2022, Technical Consultant, Promotional Videos Producer

Faculty Pitch Competition

Ghada Elshimi, Dean of Undergraduate Studies and Academy of Liberal Arts, Core Curriculum Director

Heba Sheta, RCC 2022 Manager, Office of Research & Creativity Advancement, AP-RIC Office.

Iman Zarif, Assistant Dean, Office of the Dean of Undergraduate Studies

Mostafa Khan, RCC 2022, Technical Consultant

Graduate Poster Competition

Heba Sheta, Office of Research & Creativity Advancement, AP-RIC Office.

Shams AlBatrawy, Senior Director, Office of Research & Creativity Advancement, AP-RIC Office

Nour El Akkad, Manager, Intramural Grants & Awards, Office of Research & Creativity Advancement, AP-RIC Office

Dina El-Hennawy, Treasurer, AP-RIC Office

Liberal Arts Symposium**Reenvisioning the Critical Reading Classroom: Different Courses, Same Concepts**

Michael Gibson, Senior Instructor, Department of Rhetoric and Composition, Academy of Liberal Arts

Doris Jones, Senior Instructor II, Department of Rhetoric and Composition

Science Slam

Andreas Kakarougkas, Assistant Professor of Cell and Molecular Biology, Department of Biology

Futurize Your Course Competition

Juleen Keivy, Instructor, Department of Rhetoric and Composition

Salah Boulenuar, Tomorrow Leaders sophomore & Economics student

The Annual Conference for Excellence in Undergraduate Research, Entrepreneurship and Creative Achievement (EURECA)

Susanne Rizzo, Director, Undergraduate Research Program, Department of English Language Instruction, Conference Chair

Nancy Georgy, Senior Administrative Affairs Assistant, Undergraduate Research Program

Liana Aboulkhair, Program Officer, Undergraduate Research Program

Amani Elshimi, Senior Instructor II, Department of Rhetoric and Composition

Amira Abdullah, Instructor, Department of English Language Instruction/Department of Rhetoric and Composition

Ayah Amin, Instructor, Department of English Language Instruction.

Ehab Elshimi, Instructor, Department of English Language Instruction/Department of Rhetoric and Composition

Elizabeth Arrigoni, Senior Instructor, Department of English Language Instruction
Erika Lewko, Instructor, Department of English Language Instruction/Department of Rhetoric and Composition
Fatima Abdelaziz, Research Assistant Department of Architecture, Urban Design, Architectural Design Show Track
Hoda Grant, Senior Instructor, Department of Rhetoric and Composition
Iman Baza, Senior Instructor, Department of English Language Instruction
Michael Gibson, Senior Instructor, Department of Rhetoric and Composition
Michael Reimer, Professor, Department of History, History Day
Momenbellah ElHusseiny, Assistant Professor, Department of Architecture, Architectural Design Show Track
Nagwa Kassabgy, Senior Instructor II, Department of English Language Instruction
Namat Khaled Abulebada, Research Assistant, Department of History, History Day
Sophie Farag, Senior Instructor II, Department of English Language Instruction, ELI Explorers Track

Grant Award for the Disciplines

Adham Ramadan, Associate Provost for Research, and Dean of Graduate Studies
Shams AlBatrawy, Senior Director, Office of Research & Creativity Advancement, AP-RIC Office
Heba Sheta, RCC 2022 Manager, Office of Research & Creativity Advancement, AP-RIC Office.

Music Event: Live Performances by AUC Music Majors

Chelsea Green, Associate Professor, Music Program Director, Department of the Arts
May Rashdan, Production Officer, Department of the Arts
Amr Taha, Senior Technician, Department of the Arts
Ahmed El Sherbiny, Senior Specialist Administration, Department of the Arts
Amr Maghraby, Sound and Lighting Team Leader, ACTSS

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Description of the Activities

EURECA

EURECA is AUC's annual gathering of undergraduate students who share with an academic, multidisciplinary audience their best scholarly and innovative research and creative work. Students showcase and celebrate their original work, sharpening critical thinking, creative inquiry, and expression skills (written, oral, and visual) and engaging in interdisciplinary dialogue.

Undergraduates from all disciplines, from the first year to capstone, are invited to participate. EURECA Conference is organized under the larger institutional celebration of research: The AUC Research and Creativity Convention (RCC).

Research Excellence Across the Disciplines

This is an opportunity for students enrolled in different majors to present their best discipline-based research work. Presentations that employ critical analysis, a sound research process and logical presentation are welcome.

First-Year Research Experience (FYRE)

These are oral presentations by first-year students who have completed research-based projects in any 1000-level or freshman research program. FYRE encourages and celebrates freshman students' inquiry-based learning and research.

ELI Explorers

This activity is only open for AUC students enrolled in the pre-credit language instruction courses offered by the Department of English Language Instruction. ELI Explorers' presentations underline the University's commitment to teach research skills and ignite a passion for research the minute a student steps into campus.

Creatopia

This is a celebration of multiple creative activities. Students present their work and share the creative process's experiences and the thematic and theoretical basis of their work. Creatopia activities include:

- Creative writing, script-writing, the spoken word poetry
- Short film, documentary, podcasts
- Visual artwork and photography
- Graphic design
- Cartooning and graphic novels
- Creative game design
- Musical compositions
- Digital liberal arts projects

Undergraduate Entrepreneurship Expo

This is a showcase of innovative student startup ideas across the disciplines.

Architectural Design Show

The Architectural Design Show is an opportunity to share students' innovations in design solutions and spatial innovations.

Undergraduate Poster Session

This session invites undergraduate students to present their research and other forms of project work that demonstrate critical analysis and sound arguments using posters. Academic posters are a common medium of presentation that engages a "walking" audience through text and attractive visuals. The idea should be complete and self-explanatory so that a viewer would understand the poster, even in the absence of a presenter.

To check EURECA final program, please click [here](#).

Science Slam

The Science Slam invites young researchers to show their innovative ideas in a creative and concise presentation to a non-specialized audience. AUC Science Slam aims to propagate the awesome ideas of the young participants to the general public, which will enhance the contestants' communication skills in a unique fashion and will also inform the audience with the up-to-date science being developed, that is delivered in a fun way.

Liberal Arts Symposium

Reenvisioning the Critical Reading Classroom: Different Courses, Same Concepts

Across The American University in Cairo (AUC), faculty often share their concerns about our students' engagement with reading comprehension. Reading is a foundational skill for academic, personal and career success. In this call for papers the Academy of Liberal Arts (ALA) invites proposals that can examine:

- How are faculty helping students use reading comprehension skills in courses beyond first-year writing?
- What challenges are faculty facing to enact classroom practices that effectively link reading comprehension and writing?
- How are faculty implementing theories about reading comprehension with principles of use in the classroom?
- What factors influence faculty to use reading comprehension strategies to promote learning from discipline-specific texts?
- What types of research are being conducted that reveal how critical reading is used within a community of practice?
- What critical reading practices are faculty using that have proven most effective?

These and other questions can allow the AUC community to share their concerns, practices and ideas to work towards building a community of comprehensive and critical readers, which are central practices and learning outcomes in higher education.

Faculty Research Pitch

The Faculty Research Pitch competition challenges faculty to communicate their research findings to a non-specialized audience in an engaging way. Participants will compete for cash awards, and finalists will be selected by the audience in the Closing Ceremony of RCC.

Futurize your Course Competition

Imagine teaching your course in 20 years' time. What will have changed during that time? What will you be teaching? How will you be teaching it? How will society be different? How might higher education be different? How will our learners have changed? How will the world of work be different? What kind of technology might have arrived, and what technology will have disappeared? What kind of global challenges will young people be grappling with? How will that change the purpose, meaning, and practice of teaching and learning in your discipline?

This new world is coming quickly, and if you are interested in reimagining what your course might look like in 20 years, then we invite you to join with others at The American University in Cairo (AUC) and participate in the Research and Creativity Convention (RCC) 2022: Futurize Your Course Pitch Competition.

Graduate Poster Competition

This activity invites graduate students to present their research using posters. Research posters are a common medium of presentation that engages a "walking" audience through text and attractive visuals. The idea should be complete and self-explanatory so that a viewer would understand the poster, even in the absence of a presenter.

Event Keynote Speakers

Opening Keynote Speaker

H.E. Dr. Yasmine Fouad

Minister of Environment,
Ministry of Environment of Egypt

Sunday March 27, 2022

1:15 pm-2:00 pm

Moataz al-Alfi Hall



Biography

Dr. Yasmine Fouad is Minister of Environment of Egypt. Her expertise is in Environment and International cooperation with more than 18 years' experience working in Government, in UN organizations, NGOs and Universities. She holds her MSc in Environmental Science and PhD in Political Science / Euro Mediterranean Studies. She had gained extensive experience in climate change issues through her diversified work with academic, government and non-government organizations and International organizations.

Dr. Fouad's work paved the way to the creation of environmental sensitive practices among current and future generations. She led designing, developing and launching several environmental initiatives that aim at raising awareness and ensuring youth involvement, such as the presidential initiative "Live Green" for three years (2020-2023).

She supported the Earth Institute in designing a Center of Excellence for Adaptation to Climate Change and supported the AMCEN President in leading and managing the two climate change initiatives mainly the African Adaptation Initiative (AAI) and African Renewable Energy Initiative (AREI). Moreover, she supported the Nile Basin Discourse – a regional NGO- in designing a proposal and policy paper on the impact of climate change on water resources in the Nile Basin.

The 8th Liberal Arts Symposium
Re-envisioning the Comprehensive Reading Classroom
Different Courses – Same Concepts

Tuesday, March 29, 2022

10:00 am

Bassily Auditorium



Biography

Meghan A. Sweeney is an Associate Professor of Rhetoric and Composition and the First-Year Writing Director at Saint Mary's College of California, where she teaches postsecondary reading, writing program administration, and reading and writing pedagogies. Her research has been published in *Research in the Teaching of English*, *Composition Studies*, *College Composition and Communication*, *Teaching English in the Two-Year College*, *Journal of General Education*, *Journal of Basic Writing*, and *Writing Program Administration*. She is currently working on a monograph that will describe threshold concepts of reading across the curriculum.

**“From Comprehension to Critique within Communities of Practice:
Research-Based Strategies for Teaching Reading Across the Curriculum”**

Reading expectations change as students transition between and among disciplinary learning contexts. A history professor may want students to question assumptions in a narrative description of an event; a math professor may want students to read a text actively, completing and checking math problems as they read. Each discipline has different expectations, purposes, and values that determine how to engage with texts. Students often find this confusing, and faculty are sometimes not sure how to help them navigate these differences. In this talk, Meghan Sweeney will explore how the notion of communities of practice, taken as a framework for researching reading, supports the identification of threshold concepts that can be used to improve reading instruction in multiple ways, from enhancing comprehension to fostering critical reading practices.

Featured Music Event: Live Performances by AUC Music Majors

Monday 28 March, 2022

1:00 pm-2:00 pm

Bassily Auditorium



Enjoy live performances by AUC music majors pursuing a Bachelor of Musical Arts degree with specializations in voice, viola and/or clarinet. Performances include music from popular, opera, musical theater, and Western and Arab classical genres.

Music Majors:

Judith Uttendorfer, violin

Tasneem Elaidy, voice

Tala Radwan, voice

Farida Montasser, voice

Nouran Sharafeldin, voice

Dalia Farag, voice

Lana Ben Halim, voice

SCHEDULE-BY-DAY

Sunday, March 27, 2022

Opening Ceremony

| | | |
|---|------------------|----------------------------|
| RCC 2022 Welcome Remarks | 1:00 pm-1:15 pm | Moataz al-Alfi Hall |
| Opening Keynote Speaker-H.E Dr. Yasmine Fouad, Minister of Environment "Climate Change and Global Challenges" | 1:15 pm-2:00 pm | |
| Center of Arabic Study Abroad (CASA) | 9:00 am-12:00 pm | CVC PO19 |
| Center of Arabic Study Abroad (CASA) | 2:20 pm-4:00 pm | CVC PO19 |

Monday, March 28, 2022

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|--|--|--------------------------------|
| Graduate Poster Competition (On-Campus) | 11:00 am-2:00 pm | |
| Undergraduate Poster Session (On-Campus) | 11:00 am-1:00 pm | |
| | Leheta and El-Farouki Courtyard (under Pergola) | |
| Musical Performance "AUC Music Performance Majors" | 1:00 pm-2:00 pm | Bassily Auditorium |
| EURECA, First Year Research Experience (FYRE) | 10:30 am-3:00 pm | CVC PO19 |
| EURECA, First Year Research Experience (FYRE) | 9:00 am-3:30 pm | CVC PO 20 |
| EURECA, First Year Research Experience (FYRE) | 9:00 am-3:00 pm | CVC PO 22 |
| EURECA, Architecture design show | 1:00 am-3:30 pm | <u>Virtual</u> |

Tuesday, March 29, 2022

Liberal Arts Symposium

"Re-envisioning the Critical Reading Classroom: Different Courses, Same Concepts"

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|--|-------------------|---|
| Meet and Greet | 9:00 am-9:30 am | Moataz al-Alfi Terrace |
| Welcome Remarks and Keynote Speech | | |
| Keynote Address by Dr. Meghan Sweeney, Associate Professor of English, Saint Mary's College of California (Virtual) | 9:30 am-10:45 | Bassily Auditorium |
| Coffee Break | 10:45 am-11:00 am | Moataz al-Alfi Terrace |
| Concurrent Sessions | 11:00 am-12:35 pm | Moataz al-Alfi Hall and Bassily Auditorium |
| Lunch | 1:00 pm-2:00 pm | Moataz al-Alfi Terrace |
| Concurrent Sessions | 2:00 pm-3:40 pm | Moataz al-Alfi Hall and Bassily Auditorium |
| Closing Reflections | 4:00 pm-4:30 pm | Bassily Auditorium |

Design Thinking Day Long Sprint

| | | |
|---|-----------------|--|
| (On-Campus) (Pre-registered attendance) | 9:00 am-4:00 pm | Sandbox Space 1038 Library Building and Terrace |
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|--|-----------------|-----------------|
| EURECA, History | 9:00 am-4:00 pm | CVC PO19 |
| EURECA, First Year Research Experience (FYRE) | 9:00 am-3:30 pm | CVC PO20 |
| EURECA, Creatopia | 9:00 am-2:30 pm | CVC PO22 |

Wednesday, March 30, 2022

| | | |
|--|------------------|----------------------------|
| Science Slam | 11:00 am-1:00 pm | Moataz al-Alfi Hall |
| Futurize Your Course Competition | 1:30 pm-5:00 pm | Moataz al-Alfi Hall |
| EURECA, Political science / Economics/ Law | 9:00 am-3:30 pm | CVC PO19 |
| EURECA, Psychology/ Sociology/ Mechanical Engineering | 9:00 am-3:30 pm | CVC PO20 |

EURECA, ELI Explorers/

Undergraduate Entrepreneurship

10:30 am-4:00 pm

CVC PO22

Thursday, March 31st, 2022

EURECA, Chemistry

9:00 am-12:00 pm

CVC PO 22

EURECA, Communication,

media and performance arts

9:00 am-12:00 pm

CVC PO20

EURECA, Biology

9:00 am-12:00 pm

CVC PO19

Closing Ceremony

12:45 pm-1:50 pm

Bassily Auditorium

Associate Provost Thank You Note

Faculty Research Pitch competition-2nd round

Provost Closing Remarks and Announcement of RCC 2022 Winners for:

Grant Award for the Disciplines

Core Course Competition

Faculty Research Pitch Competition

Science Slam

Graduate Poster Competition

Futurize Your Course Competition

President Closing Remarks and End of Ceremony

Register and Join RCC 2022

[Click here](#)

