An Annual Celebration

“Unleashing the Power of Interdisciplinarity”

AUC Research and Creativity Convention
April 21-24, 2018

Program Booklet
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Organizing Committees

AUC Research and Creativity Convention
Alaa-Eldin Adris, associate provost for research, innovation and creativity, Office of the Provost
Amani Elshimi, director of undergraduate research, Office of the Dean of Undergraduate Studies
Dahlia Saad, director of academic and research data, Office of the Provost
Danielle Recanati, presidential intern, Office of the Provost
Dena Rashed, assistant director, media relations, Office of Advancement and Communications
Hoda Mostafa, director of the Center for Learning and Teaching
Jasmine Maklad, acting director of undergraduate research (Fall 2017), Office of the Dean of Undergraduate Studies
Mahi ElJazzar, consultant, Office of the Provost
Nancy Georgy, administrative assistant, Office of the Dean of Undergraduate Studies
Shereen El Orabi, senior specialist academic publication, Office of the Provost

Design Thinking Teaser Day
Hoda Mostafa, associate professor of practice, associate director, Center for Learning and Teaching
Fady Morcos, associate professor of practice, School of Science and Engineering
Sherif Osman, senior officer, pedagogy and assessment, Center for Learning and Teaching
Rana Hegazi, Startup School
Mahmoud Shaltout, visiting assistant professor, School of Sciences and Engineering
Reham Abdellatif, Center for Learning and Teaching
Rasha Reda, Core Curriculum
Mohamed Dessouki, strategic innovation manager, IDIA
Hatem El Naggar, service design manager, IDIA

The 4th Academy of Liberal Arts Symposium
Michael Gibson, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts
Doris Jones, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts
Mariah Fairley, senior instructor, Department of English Language Instruction, Academy of Liberal Arts
Yasmine Motawy, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts
Rania Jabr, senior instructor, Department of English Language Instruction, Academy of Liberal Arts

The 13th Annual Conference for Excellence in University Research, Entrepreneurship and Creative Achievement (EURECA)
Amani Elshimi, director, Office of Undergraduate Research, Academy of Liberal Arts
Jasmine Maklad, acting director (Fall 2017), Office of Undergraduate Research, Academy of Liberal Arts
Nancy Georgy, program assistant, Office of Undergraduate Research, Academy of Liberal Arts

Creatopia
Hoda Mostafa, associate professor of practice, Center for Learning and Teaching
Sherif Osman, senior officer of pedagogy and assessment, Center for Learning and Teaching
Mahmoud Shaltout, visiting assistant professor, School of Sciences and Engineering
Nellie El Enany, assistant professor, Department of Management
Ahmed El-Bayoumi, Incubator Manager, VLab
Chelsea Green, assistant professor, Department of the Arts, School of Humanities and Social Sciences
Gretchen McCullough, senior instructor, Department of Rhetoric of Composition, Academy of Liberal Arts
Melanie Carter, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts
Rehab El Kady, Center for Learning and Teaching

FYRE! The First Year Research Experience Panel
Richard Byford, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts
Michael Gibson, senior instructor, Department of Rhetoric and Composition, Academy of Liberal Arts

ELI Explorers
Nagwa Kassabgy, chair and senior instructor, Department of English Language Instruction, Academy of Liberal Arts
Mariah Fairley, director, Intensive Academic English Program, and senior instructor, Department of English Language Instruction
Mona Elsaaedy, director, Academic English for the Liberal Arts Program, and senior instructor, Department of English Language Instruction
Message from the Provost

Dear RCC Participants,

In three short years our annual research event has evolved from Research Day, to Research Week, to this year’s Research & Creativity Convention (RCC), recognizing the diverse strengths of AUC’s faculty and students. This transformation honors the principles that underpin AUC’s academic identity, and ultimately, improves AUC’s quality of education.

AUC is a proud liberal arts institution. We teach our students that education requires each of us to look beyond the confines of our chosen discipline. We have a CORE curriculum that exposes our students to diverse fields of study that challenge them and the way they interact with the world around them. In today’s ever changing world, the ability to connect with people and ideas of disparate backgrounds is a key to success.

The RCC is a celebration of the diverse disciplines encompassed within the sciences, social sciences, engineering, arts and humanities, business, and education. The diversity of the RCC is reflected in its theme: Unleashing the power of multi-disciplinarity. In addition to embracing our multi-disciplinary focus, the RCC also highlights AUC’s strategic priorities: innovation, quality of education, internationalization, institutional effectiveness, and the AUC experience.

Our commitment to multi-disciplinary study, student engagement, and collaboration is embedded in the RCC’s Award for the Disciplines and the RCC Interdisciplinary Student Grants. Together these awards highlight AUC’s commitment to empowering faculty and student research, innovation, entrepreneurship, and creative achievement.

While we celebrate the more comprehensive RCC, we know we can continue to push the limits of inclusivity and community engagement. I believe that we have an obligation to not only promote our own accomplishments internally, but to promote and encourage research, innovation, and creativity beyond the walls of AUC.

I commend and applaud all of this year’s participants, faculty and student alike, and I am confident that the RCC will generate an energy and momentum that will drive and guide our research, innovation, creativity, and entrepreneurship efforts for the betterment of our educational mission.

Sincerely,

Ehab Abdel-Rahman
Provost
Message from the Associate Provost for Research, Innovation and Creativity

Dear presenters, guests and colleagues,

Welcome to AUC Research and Creativity Convention. This is an event that brings together diverse research activities and creative endeavors that have demonstrated growth and success over the years, in an effort to enhance knowledge-sharing, interdisciplinarity and sponsorship for ambitions and dreams.

AUC Research and Creativity Convention is planned as an annual event, celebrating faculty, graduate and undergraduate research and creative achievement across campus, and advancing the institutional research agenda in the sciences, humanities, social sciences, business and the arts. It is also an opportunity to reward outstanding research on a competitive basis. This year, we have 194 participants across the different activities.

The Research and Creativity Convention follows the success of Research Week, held last year, which brought together members of the AUC community and distinguished visitors.

This year, multiple activities are included in Research and Creativity Convention:
• A Design Thinking Teaser
• Creatopia – The Creativity, Entrepreneurship and Innovation Exhibition
• The Academy of Liberal Arts Symposium
• EURECA – The Excellence in University Research, Entrepreneurship and Creative Achievement Conference
• FYRE! First Year Research Experience Panels
• ELI Explorers Session
• Award for the Disciplines
• Celebrating Failure Session
• Closing Ceremony

I would like to thank all the people, departments and offices who have helped to put this impressive program together, as well as all the presenters who have come to share their knowledge and forward the research mission of AUC.

We hope that you find the event as enriching and exciting as its preparation has been for all of us.

Alaa-Eldin Adris
Associate Provost for Research, Innovation and Creativity
Description of the Activities

Design Thinking Teaser
Design Thinking is a human centered problem solving approach as well as a mindset for complex problem solving processes; this includes searching for and designing innovations for tomorrow. Design Thinking teams follow an iterative process to discover the day-to-day needs and desires of users and explore and define problems to then match their ideas with technical feasibility and economic viability. The Teaser will expose participants to authentic problems from the real-world.

Creatopia
This is an event within Research and Creativity Convention celebrating faculty and student creativity, innovation and entrepreneurship. Faculty, graduate and undergraduate students are invited to present at any/many of the following Creatopia activities:
- Literary Salon
- Film Reel
- Music Concert and Performances
- Art, Photography and Architectural Design Exhibition
- Creative Educational Games
- Entrepreneurship Expo
- ‘Once Upon a Toon’ Cartoon Workshop
- Arabic Creative Writing Workshop

Academy of Liberal Arts Symposium
The 4th Academy of Liberal Arts (ALA) is committed to delivering a high quality and transformative educational experience for students to help them become globally engaged citizens. The ALA Symposium brings together into one cohesive and connective thread, the scholarship of ALA faculty members, who showcase AUC’s focus on the liberal arts and language instruction. Accordingly, research, creative work, integrative learning practices, community engagement, pedagogy, and cross-disciplinary collaborative partnerships are the foci of high-impact practices within the ALA.

EURECA Conference
The 13th Annual Conference for Excellence in University Research, Entrepreneurship and Creative Achievement (EURECA) is an opportunity for students to present their best discipline-based research work. Presentations that employ critical analysis, a sound research process and logical presentation are considered for EURECA.

First-Year Research Experience Panels
The First-Year Research Experience (FYRE) panels feature oral presentations by Freshman students who have completed research-based projects in any 1000-level course including the following: RHET 1020, Pathways 1, Pathways 2, Scientific Thinking, Philosophical Thinking, Seminar 1023, Seminar 1099, Seminar 1110 or any other 1000-level course.

ELI Explorers Panel
The presentations by ELI Explorers underline the university’s commitment to teach research skills and ignite a passion for research the minute a student steps into campus. The presentations are prepared in the pre-credit courses of the Department of English Language Instruction.
Event Keynote Speakers

AUC Research and Creativity Convention Invited Speaker

Sir Magdi Yacoub

Event Keynote Speaker

Saturday April 21, 2018, 3:00 pm – 4:00 pm Moataz Al Alfi Hall

“Creativity, An Illusive Target"

Biography

Sir Magdi Yacoub is professor of Cardiothoracic Surgery at the National Heart and Lung Institute, Imperial College London and Founder and Director of Research at the Harefield Heart Science Centre (Magdi Yacoub Institute) overseeing over 60 scientists and students in the areas of tissue engineering, myocardial regeneration, stem cell biology, end stage heart failure and transplant immunology. He is also Founder and Director of Magdi Yacoub Research Network which has created the Qatar Cardiovascular Research Center with Qatar Foundation and Hamad Medical Corporation.

Sir Yacoub was born in Egypt and graduated from Cairo University Medical School in 1957, trained in London and held an Assistant Professorship at the University of Chicago. He is a former BHF Professor of Cardiothoracic Surgery for over 20 years and Consultant Cardiothoracic Surgeon at Harefield Hospital from 1969-2001 and Royal Brompton Hospital from 1986-2001. Sir Yacoub established the largest heart and lung transplantation program in the world where more than 2,500 transplant operations have been performed. He has also developed novel operations for a number of complex congenital heart anomalies. He was knighted for his services to medicine and surgery in 1991, awarded Fellowship of the Academy of Medical Sciences in 1998 and Fellowship of The Royal Society in 1999. A lifetime outstanding achievement award in recognition of his contribution to medicine was presented to Sir Yacoub by the Secretary of State for Health in the same year.

Research led by Sir Yacoub include tissue engineering heart valves, myocardial regeneration, novel left ventricular assist devices and wireless sensors with collaborations within Imperial College, nationally and internationally. He has also supervised over 18 PhD/MD students and published over 1,000 articles.

Sir Yacoub has an active interest in global healthcare delivery with particular focus developing programs in Egypt, The Gulf Region, Mozambique, Ethiopia and Jamaica. He is Founder and President of the Chain of Hope charity, treating children with correctable cardiac conditions from war-torn and developing countries and establishing training and research programs in local cardiac units.
AUC Research and Creativity Convention Invited Speaker

Khaled Habib
CEO - Fit For Life

Event Keynote Speaker
Sunday April 22, 2018, 01:00 pm – 2:00 pm Moataz Al Alfi Hall

“They Made Me Creative!”
"جعلوني مبدعاً"

Biography

Khaled Habib, PhD, is a well-rounded business professional, with a rich career of regional and global roles in multinational firms. He has led the human resources functions at strategic and operational levels in blue chip multinationals including Pfizer, Vodafone, Barclays, ABB and General Electric. Habib has also orchestrated numerous restructuring and business turn around projects in companies and governmental bodies. He has a Bachelor of Science degree in civil engineering, received his MBA certificate (2001) and acquired his doctorate degree in a new-grounded theory in management from Edinburgh Business School in 2015. He is a certified management consultant and a top-notch management instructor in the Middle East. He is a professor of management and marketing for MBA Students. Habib was nominated by the Egyptian presidency to design the Presidential Leadership Program PLP, a program with over 1000 graduates already successfully deployed in governmental roles. He is also a popular motivational speaker. Habib presents a daily show on Radio hits {تفاعل} since 2016 presenting creative ideas and motivational messages.

Recently Habib Launched his first book، {Form Number 6}， which has immediately become a best seller in the local market, featuring real-life stories and lessons learned in business and personal life.
Academy of Liberal Arts Symposium Guest Speaker
Tuesday April 24th, 9:00 am – 9:30 am, Moataz Al Alfi Hall

Mervat Abou Oaf
"To Make a Difference!"

Biography
Mervat Abou Oaf, PhD, is professor of practice and prior chair (2011-2014) of the Journalism and Mass Communication Department (JRMC) at the School of Global Affairs and Public Policy (GAPP) at The American University in Cairo (AUC).

She received her PhD doctoral degree from the University Autonoma of Barcelona (UAB), Spain with “Excellent” qualification, in the legislative, regulatory concentration on the Egyptian film industry.

Abou Oaf is an academic and professional educator who has taught a variety of courses in Multimedia Journalism and Mass Communication with special emphasis in the areas of media law, regulations, and policy. She is also an expert in other theoretical and practical media disciplines including theories, ethics as well as multimedia writing and video editing and design. Global media, investigative reporting, editing wire news, as well as writing feature stories, and advocacy writing are among the subject matters Abou Oaf teaches. Besides, she served as a member of the External Review Team (ERT) for the renewal of Accreditation of the Mass Communication Programs in the University of Sharjah (UoS), UAE; following the standards of the Accrediting Council on Education in Journalism and Mass Communication (ACEJMC).

Professionally, Abou Oaf is Directory Board Consultant to the “Chamber of Cinema Industry (CCI)” in Egypt in its ‘Legislative Commission’, effective Oct. 2016. CCI is a member of the Federation of Egyptian Industries affiliated with the Ministry of Industry among many others. Abou Oaf reports on affairs pertinent to piracy, censorship, barriers to foreign film production in Egypt, fostering Independent filmmaking, government intervention, bureaucracy and other affairs regulating the film industry in Egypt.

Abou Oaf is a member of the Foreign Press Association (FPA)-ID: 00104. She is a Foreign Press Conferences Coordinator and Moderator in the Cairo International Film Festival (CIFF) (B1451192835), the only film festival in the ME region that is granted international license form the FIAPF (Fédération Internationale des Associations de Producteurs de Films; English: International Federation of Film Producers Associations). She worked in the management for the CIFF and as an English editor from 2006 to 2013. She has served as the Editor-in-Chief of AdLife Magazine (currently frozen).

She also serves in the National Council for Women (NCW) in Egypt since 2006, and is a member of “The Women and Memory Forum” (WMF) since April 2010.
SCHEDULE BY DAY

Saturday, April 21

11:00 am – 3:00 pm  Fathi Samara Lounge (CVC P021)
EURECA CASA Presentations

09:30 am – 3:00 pm  CVC P022
Design Thinking Teaser (morning sessions by pre-registration)

3:00 pm - 4:00 pm  Moataz Al Alfi Hall
Opening & Keynote

  3:00 pm - 3:15 pm  Convention Opening remarks
  3:15 pm – 3:45 pm  Sir Magdy Yacoub talk and Q&A
  3:45 pm - 4:00 pm  Coffee Break

4:00 pm – 6:00 pm  CVC P022
Design Thinking Teaser (afternoon sessions by pre-registration)

Sunday, April 22

9:00 am – 1:00 pm  P071 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall
EURECA presentations
  9:00 am - 10:00 am:  Political Science
  10:00 am - 11:30 am:  Psychology
  11:30 am - 1:00 pm:  Psychology/Anthropology/Sociology

9:00 am – 1:00 pm  Fathi Samara Lounge (CVC P021)
EURECA presentations
  9:00 am - 10:00 am:  Architecture/Sustainable Dev./Construction Engineering
  10:00 am - 11:30 am:  Computer Science/Mechanical Engineering
  11:30 am - 1:00 pm:  Electronic and Communications Engineering

1:00 pm - 2:00 pm  Moataz Al Alfi Hall
Guest Speaker: Dr. Khaled Habib

2:00 pm - 4:00 pm  Room 1001 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall
Arabic Creative Writing Workshop

2:00 pm – 5:00 pm  P071 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall
EURECA presentations
  2:00 pm - 3:30 pm:  Philosophy/Literature
  3:30 pm - 5:00 pm:  Literature
2:00 pm – 5:00 pm  Fathi Samara Lounge  (CVC P021)
EURECA presentations
2:00 pm - 5:00 pm:  Biology/Biotechnology

Monday, April 23

Creatopia
The Creativity, Innovation and Entrepreneurship Exhibition

9:00 am - 12:00 pm  Fathi Samara Lounge  (CVC P021)
Digital Journalism Film Reel

12:00 pm – 1:00 pm  Fathi Samara Lounge (CVC P021)
Multimedia Presentations

10:00 am - 1:00 pm  Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071
Literary Salon

1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
Art and Design Exhibition; Playtesting; Cartoon Workshop

1:00 pm - 2:00 pm  Four Palms (Plaza)
Music Performances

1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
Entrepreneurship Expo

FYRE Panels (First Year Research Experience)
2:00 pm - 3:30 pm  Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071

ELI Explorers
3:30 pm - 5:00 pm  Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071

Tuesday, April 24

9:00 am - 4:00 pm  Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071
EURECA Presentations: History

9:00 am - 4:00 pm  Moataz Al Alfi Hall and CVC P022
ALA Symposium

4:00 pm - 07:00 pm  Bassily Hall
Celebrating Failure Panel; Interdisciplinary Students Award for Entrepreneurship and Innovation; Award for the Disciplines; Convention Closing; Eskenderella Concert
SCHEDULE BY ACTIVITY
Design Thinking Teaser
This event is open only to pre-registered participants

Saturday April 21, 2018  Conference and Visitors Center P022

9:30 am -3:00 pm  Morning Session
3:00 pm – 4:00 pm  Conference Opening and Keynote Speech
4:00 pm - 6:00 pm  Afternoon Session

Arabic Creative Writing Workshop
Facilitator:
Dr. Sayyed Daifallah
Department of Arabic Language Instruction

Sunday April 22, 2018  Room 1001 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud
2:00 pm – 4:00 pm  Participants learn to compose the different parts of an Arabic short story
Fourth Annual ALA Symposium
Tuesday, April 24, 2018
Moataz Al Alfi Hall and CVC P022
Symposium Program

8:30-9:00  Meet & Greet (Moataz Al Alfi Hall)
9:00-9:05  Welcome by Dean Ghada ElShimi, Academy of Liberal Arts
9:05-9:25  Keynote “To Make a Difference” by Dr. Mervat Abou Oaf, Professor of Journalism and Mass Communication

Concurrent Sessions 1&2
9:30-10:00  Alexander Lewko: “Improving Lexical Difficulty in Academic Writing Using ‘Text Inspector’”
            Moataz Al Alfi Hall
            Dr. Hoda Grant: “Making Meaningful Connections”
            CVC P022

Concurrent Sessions 3&4
10:05-10:35  Rania Jabr: “Differentiated Learning as a Means toward Student Autonomy”
              Moataz Al Alfi Hall
              Dr. Mona Hassan: “Different Arabic Dialects: A Big Dilemma in the AFL Classroom”
              CVC P022

Concurrent Sessions 5&6
10:40-11:10  Sophie Farag: “Motivating Students to Improve their Listening Skills”
              Alfi Hall
              Mariah Fairley: “Deconstructing Awkwardness and Building Flow in Academic Writing”
              CVC P022

Concurrent Sessions 7&8
              Alfi Hall
              Amani Demian and Afaf Mishriki: “Teaching and Learning amidst Digital Distraction”
              CVC P022
Concurrent Sessions 9&10
11:50-12:20  Susan Esnawy: “From EAP Reading to Research Writing using Jigsaw” **Alfi Hall**

Dr. Yasmine Salah El-Din and Dr. Hoda Grant: “Teaching Research Writing: Successes, Challenges, and Opportunities” **CVC P022**

12:25-1:00  **Lunch (Alfi Terrace)**

Concurrent Sessions 11&12
1:05-1:35  Hanan Hassanein: “Computer-assisted Task-based Language Teaching vs. Computer-assisted from Focused Language Instruction” **Alfi Hall**

Hala AbdelWahab: “Assessment of ASL Students through Technology for Enhanced Learning” **CVC P022**

Concurrent Sessions 13&14
1:40-2:10  Azza Hassanein: “Assessing Linguistic Performance at the Distinguished Levels of Proficiency in Light of ACTFL Guidelines” **Alfi Hall**

Fatma AbdelRahman: "Perception of Egyptian ESL Teachers of the Importance of Teaching the Target Culture" **CVC P022**

Concurrent Sessions 15&16
2:15-2:45  Dr. Dalal Abo El Seoud: “Alternative Assessment of Critical Reading” **Alfi Hall**

Doris Jones: “Learner-Centered Archival Competencies – the Centre d'études Alexandrines” **CVC P022**

Concurrent Sessions 17&18
2:50-3:20  Dr. Christina DeCoursey and Dr. Hoda Grant: “The L2 Essay as Cognitive Task and as Work: Content, Attitudes, and Co-Frequencies across Four Weeks of Production” **Alfi Hall**

Shereen El Ezabi: “El Ard Btitkallim ‘Arabi: An Arabic Teacher’s Take on a Core Seminar Course” **CVC P022**

3:30-4:00  Dean's Closing Remarks  **Moataz Al Alfi Hall**
The 13th Annual Conference for Excellence in University Research, Entrepreneurship and Creative Achievement

EURECA

Saturday April 21, 2018

Fathi Samara Lounge (CVC P021)

11:00 am – 12:30 pm

Center for Arabic Studies Abroad (CASA)

11:00 am – 12:30 pm

Being a "foreign friend" in Cairo
Cynthia Bauer

Literary Publishing in Egypt: Trends and Challenges
Jennifer Pineo-Dunn

CASA Bila Hudud
Danna Elmasry

Between Description of Egypt and Music Performance Today: Perspectives on Renewal and Preservation at “Makan”
Melissa Scott

Translation and the Women and Memory Forum
Eleanor Ellis, Alice Duesdieker and Samuel Dinger

1:30 pm – 3:00 pm

Navigating the Cafes of Downtown Cairo
David Kanbergs

An In Depth Study of Ḥadīth Literature
Shazeb Qadir

Teaching Leadership to Refugees and Migrants
Jenna Henderson

Rhetoric in Arabic: Old, New, or Both?
Betty Rosen

Archival Research in Cairo
Natasha Pesaran

Working with Manuscripts in Cairo
Ilona Gerbakher
Sunday April 22, 2018

P071 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall

9:00 am - 10:00 am  Political Science
Chronicles of a Twitter War: Hamas Movement
Roxanne Brook Vigil, Graduate Student

The International Labor Organization: Its Value between Effectiveness or Otherwise
Sally Elfishawy

Bahira Amin
Constructing the State: The Enemy Without and the Danger Within

10:15 am - 11:30 am  Psychology
A Comparative Study: Opposite vs. Similar Personality Attractions
Dana Lasheen

Sociocultural-Induced Depression: The role of Societal Structures in Egyptian Women’s Experiences
Ola Elwakeel

The Martini Effect: Nitrogen Narcosis and Alcoholic Influence
Salma Mowafi

Source Memory and Seeing Things That are Not Real
Salma Elnagar

11:30 am - 12:45 pm  Psychology/Anthropology/Sociology
A Comparative Study: Female Employment and Marriage Satisfaction in Egypt
Salma Seyam, Mariam Arafa, Hana Khedr

Dominance in Romantic Relationships
Mariam Mina, Leena Abdelgawad, Rahaf Soliman

Friendships in the Light of Exchange
Hussam El-Araby

6th October Bridge: on the Heterotopia of Modern Liminal Spatiality
Aseel Azab-Osman
Sunday April 22, 2018

Fathi Samara Lounge (CVC P021)

9:00 am - 10:00 am Sustainable Dev./Construction Engineering/Architecture

BIM implementation for sustaining the construction industry in Egypt
Amira Elshazly Mohamed, Graduate Student

Spinned Steel
Mohamed Abdel Moez, Hossam, Okasha, Hatem Sabry

A Game From Architects to Architects
Farah Nour

What is Contemporary Egyptian Architecture?
Amina Ashour

10:00 am - 11:30 am Computer Science/Mechanical Engineering

3D Autonomous Mapping Mobile Robot
Mohamed Ismail; Co-authors: Dr. Khaled El-Ayat - Supervisor, Peter Sidra - Graduate Student, Karim Hakim - Graduate Student, Eslam El-Shinawy - Graduate Student

Limited Proxying for Content Filtering
Islam Faisal; Supervisor: Dr. Sherif El-Kassas, Professor, Computer Science and Engineering Department

Survey of Revoting in E-Voting: A formal analysis perspective
Islam Faisal, Hussam El-Araby, Muhammad Faisal

Whiteboard DrawBot
Youssef El Feki

Experiments on Very Large Structures in Fully Developed Turbulent Pipe Flows
Cherif Chokeir

Automatic Pet Food Dispenser
Aly Youssef

11:30 am - 1:00 pm Electronic and Communications Engineering

LTE/IEEE 802.11p Architecture for Autonomous and Manned Cars Traffic Control and Infotainment
Salma Emara, Ayah Elewa, Omar Wasil, Nada Abdelkhalek, Kholoud Baha, Ahmed Mohamed

Fault Secure FPGA-Based TMR Voter
Kirollos Sorour, Youssef Essam

Railway Network Control Systems
Ahmed Amr, Ahmed Hesham
Sunday April 22, 2018

Highly available FPGA-based smart band for WBAN
Dina Mahmoud, Hassan Ismail

Wireless body area network architecture for health monitoring applications
Karim Mikhaeil, Asser Oraby

P071 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall

2:00 pm – 3:30 pm Philosophy/Literature
Phenomenology and Artificial Intelligence: The Modes of Perception as a Measure of Artificial Intelligence
Aliah Tohami

Feminism, Nationalism, and the Ladies' Demonstrations of 1919: Between Native and Foreign Press Coverage
Georgette Rizk, Graduate Student

Against the Reified Life: Art in the Capitalist Mode of Production
Bahira Amin

Promise and Hope in Don Quixote
Amr El-Shafei

The Colonial, Post-colonial, and Neo-colonial; Borders and How to Escape Them
Laila Abdel Ghany

3:30 pm – 5:00 pm Literature
Sovereign Man on Trial: The Subject in Three Moments of Destruction
Bahira Amin

Between Orality and Writtenness; Where has the Storyteller Gone?
Laila Abdel Ghany

The Perils of Reconstructing the Vernacular
Farah Abdul Gawad

A Vessel From Babel's Bricks: The Fragmentation of Language in T.S. Eliot's “The Waste Land
Mohamed Kouta

Breaking Paper: Insta-Poetry Up Against Epistemic Injustice
Amy Elzayaty

Shaabi Music: Between Resistance and Reproduction
Bahira Amin
Fathi Samara Lounge (CVC P021)

2:00 pm - 5:00 pm  Biology/Biotechnology

Natural Herbs for the Treatment of Skin Ulcers in Diabetic Animal Models
Diana Guirguis Sami, Hana Heiba (Graduate Students); Co-authors: Dr. Ahmed Abdellatif, Biology Department, AUC; Dr. Hassan M. Azzazy, Chemistry Department, AUC

The Interplay of Genetic Variation and Regulation of Long Noncoding RNAs in Colorectal Cancer
Amany Abdel-Motaleb (Graduate Student); Co-authors: Dr. Hassan Azzazy, Chairman and Professor of Chemistry, AUC; Dr. Ahmed Moustafa, Professor and Director of the Biotechnology Program, AUC

Expression Levels of miR-590-3p in Hepatocellular Carcinoma and Osteosarcoma cell lines and its Downstream Targets
Mennataallah Elfar (Graduate Student); Co-authors: Dr. Asma Amleh, Biology Department and Biotechnology Program, The American University in Cairo

In-vitro testing of the antibacterial activity, moisture uptake and cell cytotoxicity of nylon coated ultra-high molecular weight polyethylene biomaterial
Nancy Hassanein (Graduate Student); Co-authors: Ali Nassar, Biology; Habiba Bougerara, Ryerson University; Dr. Asma Amleh, Biology/Biotechnology, AUC

The Role of Cofactor of BRCA1 in the progression of Hepatocellular Carcinoma
Mennatallah Ghouraba (Graduate Student); Co-author: Dr. Asma Amleh, AUC

Potential Applications for Newly Detected Chromosomal Toxin Antitoxin Operons in Klebsiella pneumoniae
Ashraf A. Bazan (Graduate Student); Co-authors: Dr. Ahmed Abdellatif - AUC, Dr. Heba Abostate - Egyptian Russian University, Dr. Tamer Salem - Zewail City

Differentiation of L292 Fibrosarcoma Cells into Germline-like Cells
Gasser Elmissiery, Myret Ghabriel, Dr. Asma Amleh

Utilizing the COBRA1 Overexpression Vector to Rescue Knockdown Cells and Investigate the Role of COBRA1 in Hepatocellular Carcinoma
Shahd Mostafa, Mennatallah Ghouraba, Dr. Asma Amleh

New hope in cancer treatment: Investigation of the mode of action of AMP against SNU449 cell line
Lina Berika, Sheri Saleeb, Dr. Asma Amleh

FOXA2 Expression in Hepatocellular Carcinoma: Potential Therapeutic Target
Gehad Gamal

Testing the Effect of Ephedra foemiea Plant Acetone Extract on Bone Cancer Cells (U-2 OS cell line)
Sarah Hashish, Eric Mipingirika, Hanna Eissa, Mayyada EL-Sayed, Dr. Asma Amleh

Plant Absorption Level of Pollutants
Farida Waleed
Tuesday April 24, 2018

P071 Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall

9:00 am – 9:45 am  Ancient Near Eastern Religion and Culture
Films during the B.C.: An Analysis of Pharaonic Imagery through Film Theory
Amira Albayoumy

The Biblical Flood Narrative as Re-creation
Ann Fayez

Pain and Evil while Yahweh Reigns: Historical and Biblical Perspectives
Sylvia Anis

10:00 am – 10:45 am  Jewish and Zionist/Israeli History from Balfour to Begin (I)
The Response of European and U.S. Jews to the Balfour Declaration
Yasmine Bouguerche

Anti-Semitism in the U.S., 1930-1960
Nour Khalil

U.S. Jews’ Relations to Israel, 1948-1967
Shahzady Suqillo

11:00 am – 11:45 am  Jewish and Zionist/Israeli History from Balfour to Begin (II)
Education in Israel, 1948-1953
Fatma Eita

German Reparations to the State of Israel
Reem Badr

Likud’s Victory, 1977
Amina Fahmy

12:00 pm – 12:40 pm  Lunch Break

PRESENTATIONS DURING LUNCH:

Zionism, 1897: Historical Re-enactments of Debates at the First Zionist Congress
Mariam El Naghy and Abdullah Oraby. Debate 1: The Wording of the Basel Program
Rafik Matiewh and Mariam Hamdy. Debate 2: Problems of Jewish Colonies in Palestine
12:45 pm – 1:45 pm  Evolution of Economy and Culture in Europe’s Totalitarian Regimes

1920s Russia: Government-Sponsored Capitalism in a Communist State
Hany Abdel Aziz

The Unachieved Communist Path in Russia: From Lenin to Stalin
Alexandra Abboud

Hitler and the Media
Dania Akkawi

Notes of Contention: Jazz in the Third Reich
Sherine Aboulwafa

2:00 pm – 2:50 pm  Responses to Colonialism: Local and International

The Wailing Wall Riots, 1929
Farah Abouzeid

Zionism as Racism: An Analysis of Reactions to UNGA Res. 3379
Yasmin Abdelsalam

Ordinary Resistance: Non-violent Anti-Colonialism in Africa
Leena Gadallah

3:00 pm – 4:00 pm  Modern Egypt: Gender Identity and Conflict in the Context of Legal, Economic, and Cultural Change

On Juridical Masculinities: The Gendered Configuration of Capital Accumulation in Egypt, 1880-1936
Mohamed Kouta

An Overview of the Khul’a Law in Egypt
AbdelRahman Badawy

The film, Sahibat al-‘Ismah: An Analysis of Female-Initiated Divorce under Islamic Law in 1950s Egypt
Yasmin Abdelsalam

Education in the Nasir Era: Military Education, Teachers, and Women
Farah Seifeldin
FYRE Panels
First Year Research Experience

Monday April 23, 2018
2:00 pm - 3:30 pm Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071
The Genetic Engineering Revolution
Mahmoud Tharwat

A Journey from Home to Home
Amena Ebeid

To What Extent Do Biological Factors Affect Competition?
Hania Hesham

First Impressions Seen Through the Eyes of AUC
Mayar ElBendary

Skyscrapers’ Core in the Emirates
Amira Abdelbaki

ELI Explorers

Monday April 23, 2018
3:30 pm – 5:00 pm Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071
The Integration of Refugees in Different Cultures
Tia Aziz

Perspectives on Presidential Election Processes
Mohamed Hassan

Can We Approach Immortality?
Maha Elbanna

Genetic modification: A bio-ethical debate
Hisham Zidan

Can Suicide Solutions Defeat Suicide Causes?
Tia Negm

The Difference between Good and Bad Stress
Sandra Nabih

Skin Cancer
Fatma Elzahraa Hany

Evidence Analysis in Crime Investigation
Rofida Zagloul
Creatopia: The Creativity, Entrepreneurship and Innovation Exhibition
Monday April 23, 2018

9:00 am - 12:00 pm Fathi Samara Lounge (CVC P021)

Digital Journalism
Mawlid Celebration in Egypt and its Roots - Ahmed Atef Abbas, TV & Digital Journalism

AUC Folklore Night Spring 2018 - Dina El Hawary, TV & Digital Journalism

Art Therapy for Cancer Patients, Hagar Adss, TV & Digital Journalism

Dahab Island - Hagar Adss, TV & Digital Journalism

Who Brought it to Life - Hagar Adss and Salma Nader Galal, TV & Digital Journalism

Diving – Hassan Labib, TV & Digital Journalism

Street Sweeper - Hassan Labib, TV & Digital Journalism

Solar Energy – Farah El Toukhi, TV & Digital Journalism

ICT – Mariam El Shathly

Mobile Addiction - Mariam El Shathly

The President of the American University in Cairo: A Closer Look - Maysa Amer

Dogs Training – Rana Ashraf

Egyptian Arabian Horses - Rana Ashraf

Nasser El Tarabeeshi – Rawan Lasheen

Wissa Wassef – Rawan Lasheen

Aziza: Marionette Doll - Rehab El Kady

Egypt Hidden Treasures - Salma Nader Galal

Dubbing – Salma Nader Galal

Portrait of Cairo - Yara Saeed and Karam Gamal El Din

Life and Death - Yara Saeed and Karam Gamal El Din
12:00 pm – 1:00 pm
Multimedia Presentations

The Guestbook Project in Egypt - Marina Marren, post-doctoral teaching fellow, Philosophy

Ehky Ya Masr Podcast - Kim Fox, assistant professor of practice, JRMC

Short Poetic Movie - Donia Elmougy, Graphic Design

10:00 am - 1:00 pm
Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Hall P071

Literary Salon

People Are Peepholes
William Trub, instructor, Rhetoric and Composition

Fiction Reading
Tahia Abdel Nasser, assistant professor, English and Comparative Literature

The Different Sceneries of Life’s Magic Show
Haidy Zakaria, English and Comparative Literature

A Collection of Poems
Aya Telmissany, undergraduate, English and Comparative Literature

The Land of Pain
Kawthar Alshureify, graduate, Mechanical Engineering

Spring Etudes
William Melaney, professor, English and Comparative Literature

Personal Poetry
Angie ELgharably, undergraduate, Political Science

The Empty Flat Upstairs/Taken Hostage by the Ugly Duck
Gretchen McCullough, senior instructor, Rhetoric and Composition

Still Life with Bird
Melanie Carter, senior instructor, Rhetoric and Composition

Passionate Poetry
Donia Elmougy, undergraduate, Graphic Design

Arabic Poetry
Mostafa Fawzy, undergraduate, Electronics and Communication Engineering

Lost Maidens, Hidden Gardens
Lauren Clark, Rare Books and Special Collection Library

Arabic Thoughts
Mariam Elprince, undergraduate, History
1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
Art and Design Exhibition

Elia Footwear
Amira Motawea

Photo Selections: Parallel Universe; Anomalous; The Dutch
Haya Tarek

When Anthropomorphism is a thing!
Angie ELgharably

Photo album: Light Capturing
Mostafa El-Refai

1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
Playtesting

Celestial Race
Mostafa El-Refai

A Game from Architects to Architects
Farah Nour

1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
‘Once Upon a Toon’ Cartoon Workshop
Mahmoud Shaltout, Visiting Assistant Professor, School of Sciences and Engineering

1:00 pm - 2:00 pm  Four Palms (Plaza)
Music Performances

Is that a Yes? Ahmed Badr

Blue Stars, Red Dreams - Lauren Clark

Arab Pop Songs - Bassant Salama

Arabic Song Performance - Amira Yehia Abd El-Moaty

Music Performance – Sherif Osman

1:00 pm - 2:00 pm  Leheta and El Farouki Courtyard Pergola
Entrepreneurship Expo

One of the objectives of the Research & Creativity Research Convention (RCC) activities is to shape the culture of the university in ways that promote the qualities we would like to instill in our community: risk-taking, a willingness to get out of comfort zone, collaborating with people from different backgrounds, and making high-quality decisions based on real-time data.

Why do we need to celebrate failures? Because nothing great happens without them. Only through failure will our students find great success. So, in many ways, failure is the doorway to greatness, we just aren’t comfortable with that idea. All the iconic researchers’ stories have failure right in the middle of them. Yet we push our students hard to be uncomfortable with failure so that when it inevitably happens, it is devastating to them.

Think about the mentors and influencers in your life. What are the stories that they tell you to help frame up your pursuits? How many of these conversations deal with overcoming something…coping with and persevering through failure? World changers embrace risk and that can only happen if they have developed a good comfort level with failure.

In the session, we shall have a failure story sharing by academia leaders.

**Members of the Panel:**

Amr Shaarawi,
*Professor of Physics*
& *Chair of the University Senate*

Alaa-Eldin Adris,
*Associate Provost for Research, Innovation and Creativity*

Hoda Mostafa,
*Director of Center for Learning and Teaching*
Award for the Disciplines  
Tuesday April 24, 2018

4:00 pm - 5:00 pm  Bassily Auditorium

The American University in Cairo values and supports a culture of research, innovation, original thought, and knowledge-sharing. The Research and Creativity Award for the Disciplines, featured in the Closing Session of the annual Research and Creativity Convention, is a recognition of an academic department or program that delights in curiosity, wonder, inquiry, and exploration, and advances students’ original research and creative works.

Award Objective:
To recognize the research and creativity engagement and accomplishments of a university discipline

Prize:
Sponsored by the Office of the Provost, the prize is a formal recognition at the Annual Research and Creativity Convention and a grant award of $25,000 (the equivalent paid in Egyptian Pounds), to be used for further research, innovation and creativity activities.

Participating Departments this year:
1. Architecture Engineering Department
2. Construction Engineering Department
3. English & Comparative Literature Department
4. Management Department
5. Rhetoric & Composition Department

Award for Entrepreneurship  
Tuesday April 24, 2018

4:00 pm - 5:00 pm  Bassily Auditorium

This is a sponsor-funded award for the best presentation in the Entrepreneurship Expo. The surprise prize is given out in the Closing Session.
Mark Your Calendar!

The Annual AUC Research and Creativity Convention

April 7-11, 2019

http://www.aucegypt.edu/research/convention
AUC Research and Creativity Convention

Event Evaluation Form

1. How did you hear about AUC Research and Creativity Convention?
   O poster       O email       O word of mouth       O Other: ____________________________

2. Did the event fulfill your expectations?
   O Yes          O No

3. Which activity/presentation did you like best? Why?

4. Did you present at AUC Research and Creativity Convention?
   O Yes          O No

   What would encourage you to present (again) at AUC Research and Creativity Convention?

5. Was the time allotted for each session appropriate?
   O Yes          O No

   Suggestions

6. Was the environment of the presentations suitable (room, equipment, others)?
   O Yes          O No

   Comments:

7. What suggestions do you have for the enhancement of AUC Research and Creativity Convention?

Please detach this form and give it to the event organizers