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| **Sherif Goubran, PhD**  Assistant Professor - Department of Architecture  Graduate Program Director, Architecture  School of Sciences and Engineering (SSE)  The American University in Cairo (AUC-Egypt)  Academic Lead - [Engaged Sustainable Futures](https://esf-mambe.com/)  Living Future Accredited Professional  **Curriculum Vitae**  11 August 2024 |  |

# Contact information

**Sherif Nader Alphonse Goubran**

PhD Individualized (Fine Arts), MASc Building Engineering, B.Sc. Architecture Engineering

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| **Date of birth** | 8 July 1991 |
| **Country of citizenship** | Canada and Egypt |
| **Language proficiencies** | English, Arabic, and French |
| **Correspondence languages** | English (preferred), Arabic, or French |

**Contact information**

|  |  |
| --- | --- |
| Phone | +02 0122-3134085 |
| Email | sherifg@aucegypt.edu; sherifgoubran@gmail.com |

**Addresses**

|  |  |
| --- | --- |
| Unit 101, Building 23, Street 85.  Maadi. Cairo. Egypt | 1628 River Rd  Manotick, Ontario. K4M 1B4 |

# Bibliographical summary

Sherif Goubran is an Assistant Professor of sustainable design in the Department of Architecture in the School of Sciences and Engineering at the American University in Cairo. He completed his Ph.D. at Concordia University’s Individualized Program (INDI) in 2021, where he was funded by the Vanier Canada Graduate Scholarship. Before that, Sherif completed a MASc in building engineering in 2016, focusing on energy efficiency in commercial buildings, and he holds a BSc in Architecture from the American University in Cairo (AUC-Egypt). Sherif’s research focus includes building sustainability and sustainability assessment, sustainability in architectural design, and design for sustainable development. Specifically, his work focuses on sustainable futures, where he investigates the theory and practice of sustainability in the built environment, combines qualitative and quantitative methodologies, and explores the shift from incremental to transformational design. He conducts interdisciplinary research in design, architecture, building engineering, and real estate finance. He has a strong publication record, with several published journal and conference papers, and multiple edited and authored volumes. He is also involved in several sustainability-focused committees and projects on the student and administrative levels and in the broader community.

## Research areas

Sustainable design theory and practice; Sustainable building design, analysis, and assessment; Design for sustainable development.

## Research leadership

[Engaged Sustainable Futures - Measure, Analyze, mobilize for the Built Environment](https://esf-mambe.com/) (ESF MAM-BE) offers a platform for interdisciplinary ventures to uncover the many possible sustainable futures of the built environment. ESF MAM-BE achieves its vision through research, pedagogy, and creation.

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# Academic appointments

|  |  |
| --- | --- |
| The American University in Cairo (AUC-Egypt) |  |
|  |  |
| **Assistant Professor** | July 2021 –Present |
| Department of Architecture  School of Sciences and Engineering (SSE)  AUC Avenue • P.O. Box 74 • New Cairo, 11835, Egypt |  |
|  |  |
| **Instructor** | September 2020 – June 2021 |
| Department of Architecture  School of Sciences and Engineering (SSE)  AUC Avenue • P.O. Box 74 • New Cairo, 11835, Egypt |  |

# Education

|  |  |
| --- | --- |
| Concordia University | Montreal, Canada |
|  |  |
| **Doctor of Philosophy (PhD)** | Fall 2016 – Spring 2021 |

Individualized Program (INDI), School of Graduate Studies

Thesis title: Our buildings have credentials...Now what?

A Design-Based Analysis Framework for Reconciling Green Buildings with the Sustainable Development Goals

Disciplines: Design (main discipline), Building Engineering and Finance

Supervisors: Dr. Carmela Cucuzzella (main supervisor), Dr. Bruno Lee, and Dr. Thomas Walker

Collaborators: Dr. Jean-Pierre Chupin (UdeM - Architecture), and Dr. Gilbert Emond

GPA: 3.95/4.3

Rank: Outstanding – Highest rank (nominated for the Governor General Medal)

|  |  |
| --- | --- |
|  |  |
| **Master of Applied Sciences (MASc)** | Fall 2014 - Spring 2016 |

Building Engineering, Department of Building, Civil and Environmental Engineering

Thesis: Energy Saving Impact of Air Curtains in Commercial Buildings (March 2016)

Supervisor: Dr. Liangzhu (Leon) Wang

GPA: 4.25/4.3

Rank: Outstanding – Highest rank (awarded best thesis award)

|  |  |
| --- | --- |
|  |  |
| American University in Cairo (AUC) | Cairo, Egypt |
| **Bachelor of Science (BS)** | Fall 2009 - Spring 2014 |

Architecture Engineering, Department of Construction and Architecture Engineering

Thesis: The Social Experiment to Expand and Develop (December 2013)

Project: The HUB, Khayala Urban Center (June 2014)

Supervisors: Dr. Magda Moustafa, and Dr. Basil Kamel

GPA: 3.97/4.0

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|  |  |
|  |  |
| McGill University | Montreal, Canada |
| **Non-Degree** | Summer 2012 |

Completed 6 university credits at McGill University,

Transferred and counting towards the B.S. Degree at AUC

# Affiliations

|  |  |
| --- | --- |
| Department of Architecture, School of Sciences and Engineering,  The American University in Cairo | Since September 2020 |

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| --- | --- |
| Emerging Risks Information Center and University Chair (ERIC) | Since December 2019 |

Department of Finance, Concordia University

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| Canadian Sustainable Finance Network (CSFN) | Since November 2019 |

An initiative that is part of the Institute for Sustainable Finance (ISF),   
Smith School of Business - Queens University

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| --- | --- |
| Canada research network on excellence in architecture | 2020 - 2022 |

An initiative of the Canada Research chair in Architecture, competitions and Mediations for Excellence,   
Université de Montréal

|  |  |
| --- | --- |
| Laboratoire d’Étude de l’Architecture Potentielle (LEAP) | 2016 - 2022 |

École d’architecture Faculté de l’aménagement, Université de Montréal

|  |  |
| --- | --- |
| Integrated Design, Ecology and Sustainability for the Built Environment (ideas-be) university research chair | 2016 - 2022 |

Faculty of Fine Arts, Concordia University

|  |  |
| --- | --- |
| Sustainability Ecosystem | 2020 - 2022 |

An initiative of in the John Molson School of Business, Concordia University

|  |  |
| --- | --- |
| Center for Zero Energy Studies (CZEB) | 2014 - 2021 |

Building, Civil and Environmental Engineering Department, Concordia University

|  |  |
| --- | --- |
| Loyola Sustainability Research Centre | 2018 - 2021 |

Concordia University.

|  |  |
| --- | --- |
| Institute of Urban Futures | 2018 - 2021 |

Faculty of Fine Arts, Concordia University.

|  |  |
| --- | --- |
| Department of Finance | 2016 - 2021 |

John Molson School of Business, Concordia University

|  |  |
| --- | --- |
| Individualized Program | 2016 - 2021 |

School of Graduate Studies, Concordia University

|  |  |
| --- | --- |
| Department of Design and Computational Arts | 2016 - 2021 |

Faculty of Fine Arts, Concordia University

|  |  |
| --- | --- |
| Building, Civil and Environmental Engineering Department | 2014 - 2021 |

Gina Cody School of Engineering and Computer Science, Concordia University

|  |  |
| --- | --- |
| David O’Brien Centre for Sustainable Enterprise | 2016 - 2018 |

John Molson School of Business, Concordia University

|  |  |
| --- | --- |
| Building Envelope Research Lab | 2014-2016 |

Building, Civil and Environmental Engineering Department, Concordia University

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| --- | --- |
| Department of Architecture and Construction Engineering | 2009-2014 |

American University in Cairo (Egypt)

# Grants, collaborations, prizes and notable mentions

## Research and teaching grants

|  |  |
| --- | --- |
| **Sustainable Retrofitting Strategies for Educational Buildings in Egypt (SUSTAIN-EDU)** | 2025-2027 |

Role: Co-Principal investigator

With: Dr. Mahmoud Gadelhak (PI-Egypt), Dr. Injy Kenawy (PI-UK), and

Dr. Ashraf Nessim, Dr. Ahmed Sherif and Dr. Reem Fahmy

Budget: GBP 200,000

Duration: 2 years

Funder: British Council

Outcome: Under Review

|  |  |
| --- | --- |
| **Reviving Ancient Wisdom: Crafting Sustainable Upcycling Solutions for Mediterranean Food Loss and Waste through Innovations in Process and Distribution (RAMSES) – Pre-Proposal** | 2025-2027 |

Focus: Innovation Actions (IA): AAP: S1 - Food value chain in the Nexus

Role: Co-Principal investigator

With: Dr. Vasilis Valdramidis (National and Kapodistrian University of Athens (NKUA), et al.

Budget: EUR 4,918,450 (AUC Budget: EUR 318,601)

Duration: 3 years

Funder: PRIMA

Outcome: Not successful

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| --- | --- |
| **SOLARISE-Egypt - Solar Off-grid Local Innovation for Advancing Resilience and Inclusive Sustainability in Egypt – Outlines** | 2025-2027 |

Focus: Clean energy solutions and innovations

Role: Co-Principal investigator

With: Dr. Rokia Raslan (The Bartlett School of Environment, University College London, UK), et al.

Budget: GBP 3,000,000 (AUC Budget: GBP 750,000)

Duration: 3 years

Funder: The UKRI Ayrton challenge programme (outlines) - UK Research and Innovation

Outcome: Not successful

|  |  |
| --- | --- |
| **Green-Living, -Infrastructure, and Food, for Innovative Climate-Specific Sustainability (Hydro-GLIFICSS)** | 2025-2026 |

Focus: Climate change adaptation

Role: Co-Principal investigator

With: Dr. Andrew Jerkins & Dr. Laura Coucill (University of Salford, UK), and Dr. Samah El-Khateeb (ASU)

Budget: GBP 198,850 (AUC Budget: GBP 53,200)

Duration: 18 months

Funder: The British Academy

Outcome: Not successful

|  |  |
| --- | --- |
| **Innovate for Future Sustainable Environments (INFUSE)** | 2024-2025 |

Focus: Innovation for sustainable development

Role: Co-Principal investigator

With: Dr. Flore Vallet, Dr. Nabil Mohareb, and Dr. Isabelle Nicolai,

Budget: EUR 9,660 + 300,000 LE

Duration: 2 years

Funder: ASRT

Outcome: Under Review

|  |  |
| --- | --- |
| **Green Building Standards and the Sustainable Development Goals: Understanding the Gaps and Developing Solutions to Overcome Them** | 2021-2025 |

Role: Co-investigator

With: Dr. Thomas Walker & Dr. Carmela Cucuzzella (Concordia University, Canada)

Budget: CAD $60,000

Duration: 5 years

Funder: Sam and Diane Scalia Sustainable Real Estate Fund – Concordia University

Outcome: Successful – funded

|  |  |
| --- | --- |
| **Climate Change Adaptation and Mitigation of Micro, Small, and Medium Enterprises (MSMEs) in Egypt – Full Application** | 2024-2026 |

Focus: Climate change risk mitigation and adaptation

Role: Co-Principal investigator (EG)

With: Dr. Thomas Walker (CA), Dr. Teresa Domenech (UK), Dr. Rokia Raslan (UK),

Dr. Christian Fieberg (DE), Dr. Dieter Gramlich (DE), Dr. Carmela Cucuzzella (CA)

Budget: CAD $2,741,375 (AUC Budget: CAD $465,910)

Duration: 3 years

Funder: New Frontiers in Research Fund - International

Outcome: Not successful

|  |  |
| --- | --- |
| **Climate-Resilient Futures: An Integrated Framework for SMEs in the MENA Region and Sub-Saharan Africa** | 2024-2025 |

Focus: Climate change risk mitigation and adaptation

Role: Co- investigator (EG)

With: Dr. Thomas Walker (CA), Dr. Bruno Lee (CA)

Budget: GBP 99,426.71 (AUC Budget: GBP 27,088.5)

Duration: 2 years

Funder: STEG and the Yale Research Initiative on Innovation and Scale (Y-RISE)

Outcome: Not successful

|  |  |
| --- | --- |
| **The 2050 Education for Sustainable Development Campus: Envisioning the futures of learning spaces and curricula for AUC and Egypt** | 2023-2025 |

Focus: Future campuses fit for education for sustainable development

Role: Principal investigator

With: Dr. Heba El-Degheidy,

Budget: USD $26,366

Duration: 1 year

Funder: AUC

Outcome: Successful – Funded

|  |  |
| --- | --- |
| **AUC DataHub for Climate Change Mitigation: Establishment of a training and reporting platform for the Carbon footprint of Egyptian Universities** | 2023-2025 |

Focus: Climate change initiatives

Role: Principal investigator

With: Dr. Khaled Tarabieh, Dr. Ali Awni, Dr. Ahmed ElGendy, Dr. Nouri Sakr, Dr. Omar Abdel Aziz

Budget: USD $41,857

Duration: 1 year

Funder: AUC

Outcome: Successful – Rolled over to Sherif Goubran in 2023

|  |  |
| --- | --- |
| **Mapping AUC’s knowledge to the SDGs: Identifying sustainability insights, trends and change-makers using text mining on the AUC Knowledge Fountain** | 2023-2024 |

Focus: Sustainable Development Data analysis and visualization

Role: Co- Principal investigator

With: Dr. Yasser El-Shayeb,

Budget: USD $16,326

Duration: 1 year

Funder: AUC

Outcome: Not successful

|  |  |
| --- | --- |
| **FutureSkills: Equipping students with future-proof climate skills through global-local explorations in urban food systems** | 2024 |

Focus: Climate change future skills development

Role: Co- investigator (EG)

With: Dr. Laura Coucill (University of Salford, UK)

Budget: GBP 12,200

Duration: 6 Months

Funder: International Collaboration office, University of Salford (UK)

Outcome: Successful – Funded

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| --- | --- |
| **The Integration of Artificial Intelligence (AI) Tools into the learning culture of Sustainable Design Studios** | 2023-2024 |

Focus: AI integration in teaching

Role: Co- principal investigator

With: Dr. Amal Hamdy (Pi)

Budget: USD 3,660

Duration: 6 Months

Funder: AUC

Outcome: Successful – Funded

|  |  |
| --- | --- |
| **Living Climate Change Experiences at AUC and Beyond: Activating AUC-Global conversations through cognitive and emotional located-art-performances at AUC’s Campuses streamed to the world** | 2023-2024 |

Focus: Ecological art and performances

Role: Co-Principal investigator

With: Dr. Adam Marple,

Budget: USD $26,908

Duration: 1 year

Funder: AUC

Outcome: Successful – Funded (held in name)

|  |  |
| --- | --- |
| **Climate Change Adaptation and Mitigation of Micro, Small, and Medium Enterprises (MSMEs) in Egypt) – Notice of Intent** | 2023 |

Focus: Climate change risk mitigation and adaptation

Role: Co-Principal investigator (EG)

With: Dr. Thomas Walker (CA), Dr. Rokia Raslan (UK), Dr. Dieter Gramlich (DE), Dr. Carmela Cucuzzella (CA)

Budget: CAD $2,253,665

Duration: 3 years

Funder: New Frontiers in Research Fund - International

Outcome: NOI Accepted, invited to submit full application.

|  |  |
| --- | --- |
| **Venice Architecture Biennale 2023: Acoustic sensory refuge** | 2022-2023 |

Focus: Sensory and Inclusive architecture

Role: Co- Principal investigator

With: Dr. Magda Mostafa, Dr. Khaled Nassar,

Budget: USD $22,450 + EGP 45,500

Duration: 1 year

Funder: AUC

Outcome: Successful – Funded

|  |  |
| --- | --- |
| **Multi-domain occupant comfort experimentation framework in different climate zones** | 2022-2023 |

Focus: Occupant comfort experimentation

Role: Co- Principal investigator (Egypt)

With: Dr. Mohamed Ouf (Concordia University, Canada), Dr. Khaled Tarabieh,

Budget: CAD $25,000

Duration: 1 year

Funder: Natural Sciences and Engineering Research Council of Canada (NSERC)

Outcome: Successful – Funded

|  |  |
| --- | --- |
| **AUC DataHub for Climate Change Mitigation: Establishment of a training and reporting platform for the Carbon footprint of Egyptian Universities** | 2022-2023 |

Focus: Climate change initiatives

Role: Co- Principal investigator

With: Dr. Khaled Tarabieh, Dr. Ali Awni, Dr. Ahmed ElGendy, Dr. Nouri Sakr, Dr. Omar Abdel Aziz

Budget: USD $41,857

Duration: 1 year

Funder: AUC

Outcome: Successful – Funded (Transferred to Sherif Goubran in 2023)

|  |  |
| --- | --- |
| **Living wall systems as nature-based urban solutions for climate change: An experimental study of exterior green walls systems’ energy, carbon, and thermal comfort impacts in hot arid climates** | 2022-2023 |

Focus: Climate change initiatives

Role: Principal investigator

With: Dr. Hani Sewilam, Dr. Mohamed Abou-Zeid, Dr. Khaled Tarabieh

Budget: USD $47,733

Duration: 1 year

Funder: AUC

Outcome: Not successful

|  |  |
| --- | --- |
| **The Transnational Heritage Future Studio: Zero-Carbon and Resilient** | 2022-2023 |

Focus: Teaching-Learning Partnership

Role: Principal investigator (Egypt-side)

With: Dr. Tom Jefferies (Queen’s University Belfast, UK), Dr. Laura Coucill (University of Salford, UK) and Dr. Khaled Tarabieh

Budget: GBP £39,504

Duration: 1.5 year

Funder: British Council

Outcome: Successful – Funded

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| --- | --- |
| **Evaluating the effectiveness of four-sided wind towers as a passive environmental solution in institutional buildings** | 2021-2023 |

Role: Principal investigator

With: Dr. Khaled Tarabieh, Dr. Omar Abdelaziz & Dr. Khaled Nassar (AUC, Egypt)

Budget: USD $24,150

Duration: 2 year

Funder: School of Sciences and Engineering, The American University in Cairo

Outcome: Successful – Funded

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| --- | --- |
| **Assessing building envelope air leakage and estimating their energy and carbon consequences – A pilot study** | 2021-2023 |

Role: Principal investigator

With: Dr. Khaled Tarabieh & Dr. Basil Kamel (AUC, Egypt)

Budget: USD $35,564

Duration: 2 years

Funder: The American University in Cairo

Outcome: Successful – funded

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| --- | --- |
| **Our built environment, one simple idea at a time! Showcasing undergraduate architecture scholarship through public outreach** | 2021-2022 |

Focus: Teaching Enhancement

Role: Co-investigator

With: Dr. Nabil Mohareb (Pi), Dr. Momen El-Husseiny (AUC, Egypt)

Budget: USD $ 4000

Duration: 1 year

Funder: The American University in Cairo

Outcome: Successful – funded

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| --- | --- |
| **Climate Resilience of Micro, Small & Medium Industrial Workplaces in Egypt: A future-fit approach to retrofit** | 2021-2022 |

Focus: Workshop Organization and knowledge transfer

Role: Co-investigator and Facilitator

With: Dr. Rokia Raslan (UCL, UK), Dr. Khaled Tarabieh & Dr. Sherif AbdelMohsen (AUC, Egypt)

Budget: GBP £34,223

Duration: 1 year

Funder: The British Council

Outcome: Successful – funded

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| --- | --- |
| **Solar Decathlon House Skin Design and Water Management Integration: Evaluation of vertical green walls for Energy Efficiency and Aquaponic Farming potential** | 2021-2022 |

Role: Co-investigator

With: Dr. Khaled Tarabieh, principal investigator (AUC, Egypt) & Dr. Hani Swillam (AUC, Egypt)

Budget: USD $50,000

Duration: 1 year

Funder: The American University in Cairo

Outcome: Successful – funded

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| --- | --- |
| **Carbon Footprint Accounting and Training for Local NGOs** | 2020-2021 |

Focus: Research

Role: Co-investigator

With: Dr. Khaled Tarabieh (AUC, Egypt)

Budget: USD $19,000

Duration: 1 year

Funder: New Zealand Embassy

Outcome: Not successful

## Research collaborations, sponsorships and contracts

|  |  |
| --- | --- |
| **Research and consulting contract (Expression of interest)** | June 2024 – July 2026 |

Luxor Urban Resilience (Expression of interest)

Awarding Party: The World Bank

Parties: Institute for Housing and Urban Development Studies (IHS), Ain Shams University, and The American University in Cairo

|  |  |
| --- | --- |
| **Memorandum of understanding (MOU)** | June 2022 – June 2024 |

Parties: Housing and Building National Research Center (HBRC); AND The American University in Cairo (AUC) – Sherif Goubran (PI)

The scope of the proposed work entails conducting testing on Egyptian social housing models. Specifically, the aim is to test currently built models and then test the new and improved “Green” models. The goal is to document the effects of the improvements on the envelope performance – in terms of tightness and thermal transmittance.

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| **Sponsorship Agreement** | June 2021 – June 2023 |

Parties: Hassan Allam Holding Co.; AND The American University in Cairo (AUC) – Ahmed Sherif (Pi) with Sherif Goubran (Co-Pi)

A sponsorship for AUC’s Oasis Project - Solar Decathlon Middle East Competition, valued at $350,000 USD.

## Research support awards

|  |  |
| --- | --- |
| **Faculty Travel Grant – Conference** | Summer 2024 |

Event: *“CATE2024 – Comfort at the Extemes”*

Location: *Seville, Spain*

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $2,650 (under review)

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| --- | --- |
| **Mini Grant – Publication** | Spring 2024 |

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $1,620

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| **Mini Grant – Publication** | Spring 2024 |

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $2,297

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| **Faculty Travel Grant – Conference** | Spring 2024 |

Event: *“The 2nd International Conference on Sustainability: DEVELOPMENTS & INNOVATIONS”*

Location: *Riyadh, Saudi Arabia*

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $1,097

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| --- | --- |
| **Mini Grant – Publication** | Summer 2023 |

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $1,700

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| --- | --- |
| **Faculty Travel Grant – Conference** | Summer 2023 |

Event: *“UIA WORLD CONGRESS OF ARCHITECTS 2023: Sustainable Futures Leave No One Behind*

Location: *Copenhagen, Denmark*

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $3,120

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| --- | --- |
| **Faculty Travel Grant – Symposium** | Summer 2023 |

Event: *“TIME - SPACE - EXISTENCE" Venice Biennial Architecture Exhibition*

Location: *Venice, Italy*

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $3,325

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| --- | --- |
| **Mini Grant – Publication** | Fall 2022 |

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Award valued at US $1,325

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| --- | --- |
| **Mini Grant – Publication** | Summer 2022 |

Associate Provost for Research, Innovation and Creativity (AP-RIC)

The American University in Cairo

Awarded to: Dr. Khaled Tarabieh (Pi) and Sherif Goubran (co-pi)

Award valued at US $1,820

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| --- | --- |
| **Individualized Program (INDI) Conference Award** | Summer 2019 |

Individualized Program, Concordia University

Award valued at CAD $300

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| --- | --- |
| **School of Graduate Studies Conference Award** | Summer 2019 |

School of Graduate Studies, Concordia University

Valued at CAD $ 1,000

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| **Sustainability Research Award Recipient** | Spring 2018 |

Sustainability Action Fund (SAF), Concordia University

Project: Knowledge Mobilization and Collaborative Learning in the Context of the Sustainability and Food Movements

Awarded to: Monica Dantas, Sherif Goubran, Julia De Marco, Alexa Carota, and Amanda Sidiras

Valued at CAD $1,500

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| --- | --- |
| **Individualized Program (INDI) Conference Award** | Fall 2017 |

Individualized Program, Concordia University

Award valued at CAD $600

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| **School of Graduate Studies Conference Award** | Fall 2017 |

School of Graduate Studies, Concordia University

Valued at CAD $1,000

## Research scholarships

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| --- | --- |
| **Concordia Public Scholars: 2019-2020 Cohort** | Summer 2019 |

School of Graduate Studies, Concordia University

Valued at CAD $10,000 and includes media and PR training

Selected as 1 of 10 public scholars based on research potential

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| **Vanier Canada Graduate Scholarships (Vanier CGS)** | Fall 2018 |

Social Sciences and Humanities Research Council (SSHRC)

3 years scholarship valued at CAD $150,000

Awarded based on academic excellence, research potential and leadership experience. Largest doctoral scholarship offered by the government of Canada.

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| --- | --- |
| **Joseph-Armand Bombardier Canada Graduate Scholarships-Doctoral (CGS D)** | Fall 2018 |

Social Sciences and Humanities Research Council (SSHRC)

3 years scholarship valued at CAD $105,000 (held in name only)

Awarded based on academic excellence and research potential

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| --- | --- |
| **LEAP Doctoral Scholarship** | Summer 2018 |

Laboratoire d’Étude de l’Architecture Potentielle, Université de Montréal

Award valued at CAD $2,000

Awarded based on academic excellence and research contributions

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| --- | --- |
| **Power Corporation of Canada Graduate Fellowship** | Fall 2017 |

Individualized Program, Concordia University

1-year fellowship valued at CAD $5,000

Awarded based on academic excellence and research contributions

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| --- | --- |
| **LEAP PhD Entrance Scholarship** | Summer 2017 |

Laboratoire d’Étude de l’Architecture Potentielle, Université de Montréal

Award valued at CAD $1,500

Awarded based on academic excellence and research potential

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| --- | --- |
| **Individualized Program (INDI) Entrance Fellowship** | Fall 2016 |

Individualized Program, Concordia University

3-year fellowship valued at CAD $52,500

Presented based on academic excellence and quality research proposal

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| --- | --- |
| **Concordia Retired Faculty and Staff Graduate Award** | Fall 2015 |

Building Engineering, Concordia University

1-year award valued at CAD $5,000

Presented based on academic excellence and research achievements

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| --- | --- |
| **Academic Achievement Award** | Fall 2009 |

Architecture Engineering, American University in Cairo

Valued at CAD $35,000 over 5 years – equivalent to 30% of undergraduate tuition

Presented based academic excellence and contingent on maintaining GPA above 3.75/4.0

## Prizes and Honors

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| --- | --- |
| **Best Paper Award – Urban Regeneration of Vulnerable Neighborhoods** | Fall 2023 |

International Conference on Sustainable Development (ICSD) 2023: The Midpoint of the SDGs: Global and Local Progress & Challenges. Global Hybrid Conference.

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| **Best Presentation Award - 1st Prize** | Winter 2023 |

ICACECH 2022: XVI. International Conference on Architectural Conservation, Engineering and Cultural Heritage. Cairo, Egypt.

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| **Winner: Core Course Competition Global Studies Category** | Winter 2023 |

AUC Core Course Competition, 2022 edition. The American University in Cairo, Egypt

Course title: “Sustainability in the Cracks of Urban Policy: Communities, Bureaucracies and Adaptation”

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| **Best Paper Award - 1st Prize** | Fall 2022 |

2nd OHI international conference: Sustainable conservation of heritage areas. Cairo, Egypt

Valued at EGP 10,000

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| **Poster Award - 1st Prize** | Fall 2018 |

2018 INDI Program Research Exposition. Montreal, QC

Valued at CAD $300

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| **The F.A. Gerard Prize (M.A.Sc. & M. Computer Science)** | Summer 2017 |

Faculty of Engineering and Computer Science, Concordia University

Awarded annually, to the most deserving graduate of the MASc programs - Award is a metal plaque

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| **Top of 2014 Graduating B.S. Architecture Class (Highest GPA)** | Summer 2014 |

B.S. Architecture, American University in Cairo

The award is certificate received, as mention, along with a diploma

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| **Summa Cum Laude - Graduation with Highest Honor** | Summer 2014 |

B.S. Architecture, American University in Cairo

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| **Highest GPA - 2009 B.S. Architecture Class** | Summer 2010 – Summer 2014 |

B.S. Architecture, American University in Cairo

The award is a metal plate (4 plates in total)

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| **Governor General Bronze Medal** | Summer 2009 |

Ontario High School Diploma, Canadian International School of Egypt

Presented by the Canadian Ambassador to Cairo based on academic excellence - a bronze medal and listing online

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| **Student Government Medal** | Summer 2009 |

Ontario High School Diploma, Canadian International School of Egypt

Presented in recognition of exceptional commitment to the school student government –a silver medal

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| **John Trafford Achievement Medal** | Summer 2009 |

Ontario High School Diploma, Canadian International School of Egypt

Presented in recognition of academic excellence and commitment to student activities – a silver medal.

## Notable mentions

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| **Winner of Bridging Languages and Scholarship (BLS) initiative** – Vernon Press | Spring 2022 |

Book title: Sustainable Architecture – Between Measurement and Meaning

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| **Nominated for the Governor General Gold Medal** – Concordia University | Spring 2021 |

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| **Second place** in French **3 Minute Thesis Competition** – Concordia University | Fall 2019 |

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| One of 30 finalists interviewed for the **Trudeau Foundation Doctoral Scholarship** | Spring 2018 |

# Publications

## Refereed journal articles

Shoukry, F., Goubran, S., & Tarabieh, K. (2024). Enhanced Indoor Air Quality Dashboard Framework and Index for Higher Educational Institutions. *Buildings*, *14*(6), 1640. https://doi.org/10.3390/buildings14061640

Geith, R., & Goubran, S. (2024). Creative transdisciplinary architectural design as means for realising the sustainable development goals in the built environment. *International Journal of Technology Management*, *95*(3/4), 361–387. https://doi.org/10.1504/IJTM.2024.138799

Shoukry, F., Raafat, R., Tarabieh, K., & Goubran, S. (2024). Indoor Air Quality and Energy Efficiency in University Classrooms: Exploring Trade-Offs and Synergies. *Sustainability, 16(7), 2719. https://doi.org/10.3390/su16072719*

Cucuzzella, C.; Goubran, S. & Nizar, F. (2024). Interactive Digital Art as Didactic Agents in Space: The art of eco-nudging. *International Journal of Innovation and Sustainable Development, 18(3/4).* https://doi.org/10.1504/IJISD.2023.10055401 - *Forthcoming*

Nessim, M. A., Elshabshiri, A., Bassily, V., Soliman, N., Tarabieh, K., & Goubran, S. (2023). The Rise and Evolution of Wind Tower Designs in Egypt and the Middle East. *Sustainability*, *15*(14), 10881. https://doi.org/10.3390/su151410881

Marey, A., & Goubran, S. (2023). Low-Cost Portable Wireless Electroencephalography to Detect Emotional Responses to Visual Cues: Validation and Potential Applications. *Architecture and Planning Journal (APJ)*, 28(3), 140–154. https://doi.org/10.54729/2789-8547.1220

Raafat, R., Marey, A., & Goubran, S. (2023). Experimental Study of Envelope Airtightness in New Egyptian Residential Dwellings. *Buildings*, *13*(3), 728. https://doi.org/10.3390/buildings13030728

Goubran, S., Walker, T., Cucuzzella, C., & Schwartz, T. (2023). Green building standards and the United Nations’ Sustainable Development Goals. *Journal of Environmental Management*, *326*, 116552. https://doi.org/10.1016/j.jenvman.2022.116552

Bassily, V., & Goubran, S. (2023). The Shifting Urban Role of Buildings’ Facades: A Diachronic Analysis of El Korba. *International Journal of Architectural and Environmental Engineering*, *17*(1), 48–59.

Walker, T., Goubran, S., Karami, M., Dumont-Bergeron, A., Schwartz, T., & Vico, K. (2023). Mainstreaming social impact bonds: A critical analysis. *Finance Research Letters*, *53*, 103546. https://doi.org/10.1016/j.frl.2022.103546

Bassily, V., & Goubran, S. (2022). The effect of facade deterioration on urban life: a historical analysis of the Korba area in Cairo. *International Journal of Multidisciplinary Studies in Architecture and Cultural Heritage*, *5*(2), 123-151. https://doi.org/10.21608/ijmsac.2022.276741

Cucuzzella, C., Owen, J., Goubran, S., & Walker, T. (2022). A TOD index integrating development potential, economic vibrancy, and socio-economic factors for encouraging polycentric cities. *Cities*, *131*(July 2021), 103980. https://doi.org/10.1016/j.cities.2022.103980

Bassily, V., Abufarag, T., & Goubran, S. (2022). Heritage Buildings’ Façades as Facilitators for Local Sustainable Development: The Case of Cairo’s El Korba Area. *Heritage*, *5*(3), 2689–2731. https://doi.org/10.3390/heritage5030141

Marey, A., Goubran, S., & Tarabieh, K. (2022). Refurbishing Classrooms for Hybrid Learning: Balancing between Infrastructure and Technology Improvements. *Buildings*, *12*(6), 738. https://doi.org/10.3390/buildings12060738

Soulikias, A., Cucuzzella, C., Nizar, F., Hazbei, M., & Goubran, S. (2021). We gain a lot…but what are we losing? A critical reflection on the implications of digital design technologies. *Open House International*, *46*(3), 444–458. https://doi.org/10.1108/OHI-02-2021-0041

Cucuzzella, C., Hazbei, M., & Goubran, S. (2021). Activating Data through Eco-Didactic Design in the Public Realm: Enabling Sustainable Development in Cities. *Sustainability*, *13*(8), 4577. https://doi.org/10.3390/su13084577

Goubran, S., Cucuzzella, C., & Ouf, M. M. (2021). Eyes on the Goal! Exploring Interactive Artistic Real-Time Energy Interfaces for Target-Specific Actions in the Built Environment. *Sustainability*, *13*(4), 1996. https://doi.org/10.3390/su13041996

Goubran, S. (2021). Sustainability in architectural design projects – a semiotic understanding. *Social Semiotics*, *31*(4), 625–651. https://doi.org/10.1080/10350330.2019.1681062

Goubran, S., Masson, T., & Walker, T. (2020). Diagnosing the local suitability of high-rise timber construction. *Building Research & Information*, *48*(1), 101–123. https://doi.org/10.1080/09613218.2019.1631700

Goubran, S. (2019). On the Role of Construction in Achieving the SDGs. *Journal of Sustainability Research 1*(2). doi:10.20900/jsr20190020

Goubran, S., & Cucuzzella, C. (2019). Integrating the Sustainable Development Goals in Building Projects. *Journal of Sustainability Research 1*(2). doi: 10.20900/jsr20190005

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Qi, D.; Goubran, S.; Wang, L. (Leon) L. L. & Zmeureanu, R. (2018). Parametric Study of Air Curtain Door Aerodynamics Performance Based on Experiments and Numerical Simulations. *Building and Environment*, *129*, 65–73.

Goubran, S.; Qi, D.; & Wang, L. (Leon). (2017). Assessing dynamic efficiency of air curtain in reducing whole building annual energy usage. *Building Simulation*, *10*(4), 497–507.

Goubran, S.; Qi, D.; Saleh, W. F. & Wang, L. (Leon). (2017). Comparing methods of modeling air infiltration through building entrances and their impact on building energy simulations. *Energy and Buildings*, *138*, 579–590.

Goubran, S., Qi, D., Saleh, W. F., Wang, L. L. (Leon) L., & Zmeureanu, R. (2016). Experimental study on the flow characteristics of air curtains at building entrances. *Building and Environment*, *105*, 225–235. https://doi.org/10.1016/j.buildenv.2016.05.037

## Refereed conference papers

Ebeid, D., Goubran, S., & Abouzeid, M. N. (2024). The impact of climate change on building envelope retrofits for achieving thermal comfort in naturally ventilated buildings in hot regions. *Proceedings of the Canadian Society of Civil Engineering Annual Conference 2024*.

Aly, S., Ibrahim, H., Goubran, S., Hamdy, A., Mashaly, I., & Tarabieh, K. (2024). Retrofitting Our Way To A Fossil-Fuel-Free Future How Can Urban Gas Stations Be Mobilized For Climate Resilience And Sustainable Urban Environments? *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024)*, 1128–1133. https://www.dbc.wroc.pl/dlibra/publication/165715/edition/127098/content

Raafat, R., Allam, S., Shoukry, F., Farouh, H., & Goubran, S. (2024). Air Infiltration Testing and Energy Simulation of Green Dwellings in a Social Housing Project in Egypt. *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024)*, 135–140. https://www.dbc.wroc.pl/dlibra/publication/165715/edition/127098/content

Shoukry, F., Goubran, S., & Tarabieh, K. (2024). Digital and Spatial Design Considerations in Healthy University Classrooms: How can we make use of innovative digital tools to safeguard the health and well-being of occupants and improve IAQ? *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024).*, 340–345.

Karimian, H., Muhammad, R., Osama, N., Ouf, M., & Goubran, S. (2024). Examining the Impact of Contextual Variables on Occupant Comfort : A Comparative Study of Thermal and Visual Comfort in Cold and Hot Climates. *ASHRAE Transactions - 2024 ASHRAE Winter Conference*, 722–730. https://technologyportal.ashrae.org/Papers/PaperDetail/11470?subscribed=false

Muhammad, R., Allam, S., Farouh, H., Nessim, M., & Goubran, S. (2024). Field Testing for Envelope Construction Quality in Social Housing: In situ testing of envelope air leakage to estimate energy consumption between the current and green models. In D. Newport (Ed.), *International Sustainable Ecological Engineering and Design for Society Conference 2023* (pp. 330–342). Leeds Beckett University, University of Suffolk, University of West England, Bristol, University of Loughborough.

Geith, R., & Goubran, S. (2023). Realizing Sustainable Development Goal 11 in Public Realm Designs through Regional Landscaping. *11th Annual International Conference on Sustainable Development (ICSD)*. https://ic-sd.org/wp-content/uploads/2023/10/2023-submission\_213.pdf

Shoukry, F., Goubran, S., & Tarabieh, K. (2023). Comparative Analysis of Carbon Footprints in Higher Education Institutions: What Can We Learn about Three University Campuses in Cairo, Beirut, and Cape Town? The International Conference on Advancing Sustainable Futures (ICASF 2023). https://icasf.info/

Shoukry, F., Goubran, S., & Tarabieh, K. (2023). Perceived Comfort in University Classrooms Post the Pandemic: Interpretations Considering the Carbon Footprint of Learning Spaces. *The 8th International ICARB Conference on Carbon Accounting*, 508–532. www.icarb.org/2023-conference/papers

ElDakroury, M., Goubran, S., & Abdelaziz, O. (2023). CFD-Based Ventilation Assessment of a University Building With an Integrated Windcatcher in Egypt. *Proceedings of the ASME 2023 International Mechanical Engineering Congress and Exposition Volume 7: Energy*, 2–10. https://doi.org/10.1115/IMECE2023-113719

Gouban, S., Tarabieh, K., & Kamel, B. (2023). Assessing Building Envelope Air Leakage and Estimating Their Energy Consequences in Egyptian New Residential Construction. In L. L. Wang, H. Ge, Z. J. Zhai, D. Qi, M. Ouf, C. Sun, & D. Wang (Eds.), *5th International Conference on Building Energy and Environment* (pp. 653–659). Springer Nature Singapore. https://doi.org/10.1007/978-981-19-9822-5\_69

Kotb, H., & Goubran, S. (2023). Transmission of COVID-19 Droplets Inside Buildings Due to Natural Ventilation and Air Leakage. In *5th International Conference on Building Energy and Environment* (pp. 2173–2182). Springer Nature Singapore. https://doi.org/10.1007/978-981-19-9822-5\_232

Bassily, V., Abufarag, T., & Goubran, S. (2023). Preserving Built Environments for a More Sustainable Future: Built Heritage as a Contributor to the SDGs. In A. Rubbo, J. Du, M. R. Thomsen, & M. Tamke (Eds.), *Design for Resilient Communities* (pp. 677–698). Springer International Publishing. https://doi.org/10.1007/978-3-031-36640-6\_48

Marey, A.; Raafat, R. & Goubran, S. (2023). Safeguarding Health and Well-Being in University Classrooms: Estimating CO2 Concentration Based on Air Permeability. *EDRA 54: Environment and Health: Global / Local Challenges and Actions*, Mexico City.

Elkady, M., & Goubran, S. (2023). Learning sustainable design from modern Egyptian architecture: How the Pre-HVAC residential buildings of Sayed Karim embody contemporary sustainability principles. *36th Passive and Low Energy Architecture (PLEA): Will Cities Survive? The Future of Sustainable Buildings and Urbanism in the Age of Emergency*, *2*, 636–641.

Goubran, S., Raslan, R., & Tarabieh, K. (2023). Post-Pandemic Campus Return: Evidence-Based Decision-Making for university learning spaces in Egypt. *36th Passive and Low Energy Architecture (PLEA): Will Cities Survive? The Future of Sustainable Buildings and Urbanism in the Age of Emergency*, *1*, 154–159.

Bassily, V., & Goubran, S. (2022). The Shifting Urban Role of Buildings’ Facades: A Diachronic Analysis of El Korba. *ICACECH 2022: XVI. International Conference on Architectural Conservation, Engineering and Cultural Heritage*, *193*. Online

Elshabshiri, A., Elkady, M., Abufarag, T., & Goubran, S. (2022). What Can We Learn From the Characterization of New Cairo’s Urban Voids ? *4th International Conference on Urban Planning - ICUP2022*, 235–242.

Samir, S., Abufarag, T., & Goubran, S. (2022). Vertical Farming as a Nature-Based Solution for Sustainable City Regeneration: A Life Cycle Assessment. *4th International Conference on Urban Planning - ICUP2022*, 293–299.

Abufarag, T., Samir, S., & Goubran, S. (2022). Women’s Perception of Spatial Safety and Participation in Historic Cairo’s Street Markets. *4th International Conference on Urban Planning - ICUP2022*, 285–292.

Marey, A., & Goubran, S. (2022). Low-Cost Portable Wireless Electroencephalography to Detect Emotional Responses to Visual Cues: Validation and Potential Applications. *Hybrid Spaces of the Metaverse: Proceedings of ASCAAD 2022*, 140–154.

Bassily, V. & Goubran, S. (2022). The effect of facade deterioration on urban life: a historical analysis of a case study in the Korba. In the *2nd OHI international conference: Sustainable conservation of heritage areas*. Cairo, Egypt.

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Goubran, S., & Geith, R. (2022). Creativity, Adaptability, Transition: Advancing Sustainable Development in the Built Environment through Transdisciplinary Architectural Design. In K.-P. Schulz & K. Mnisri (Eds.), *From disruption to development: Moving forward with the relationship between creativity and sustainability: The 4th edition of the Artem international conference on Organizational Creativity and Sustainability (ARTEM OCC)* (pp. 53–54). *Nancy, France.*

Elkady, M., & Goubran, S. (2022). The Sustainability of Egyptian Modern Architecture. *IOP Conference Series: Earth and Environmental Science*, *1026*(1), 012046. In *International Conference on Sustainability: Developments and Innovations (ICSDI)*. Riyadh, Saudi Arabia https://doi.org/10.1088/1755-1315/1026/1/012046

Goubran, S., Walker, T., Cucuzzella, C., & Schwartz, T. (2022). LEED’s Contribution to the United Nations’ Sustainable Development Goals. *IOP Conference Series: Earth and Environmental Science*, *1026*(1), 012059. In *International Conference on Sustainability: Developments and Innovations (ICSDI)*. Riyadh, Saudi Arabia https://doi.org/10.1088/1755-1315/1026/1/012059

Shoukry, F; Tarabieh, K. & Goubran, S. (2022). The consequences of COVID instigated recommendations for Indoor Air Quality. In *Ecocity, Satellite Conference-ArchCairo 9*. Cairo, Egypt.

Goubran, S.; Cucuzzella, C. & Ouf, M. (2021). Eco-Nudging: Interactive Digital Design to Solicit Immediate Energy Actions in The Built Space. In *9th International Conference of the Arab Society for Computer Aided Architectural Design*, American University in Cairo, online.

Soulikias, A., Cucuzzella, C., Nizar, F., Hazbei, M., & Goubran, S. (2021). We gain a lot… but what are we losing?: A critical exploration of the implications of digital design technologies on sustainable architecture, In *9th International Conference of the Arab Society for Computer Aided Architectural Design*, American University in Cairo, Online.

Goubran, S.; Cucuzzella, C. & Lee, B. (2019). Sustainable Development Goals (SDGs) to support the design of buildings – A case study for the design of a Net-Zero Energy interpretation center for UQROP in Quebec, Canada. In *EDRA 50: Sustainable Urban Environments Research, Design and Planning for the Next 50 Years.* Brooklyn, USA.

Goubran, S.; Qi, D. (Darren), & Wang, L. (Leon). (2018). Airflow and energy simulations to assess energy savings from vestibules and air curtains. *ASHRAE Transactions*, *124* (Part 2), 79–91.

Cucuzzella, C., Goubran, S., & Kamel, M. S. (2017). “More than Waiting for the Bus” - Rethinking Sites Surrounding Bus Stops. *1st International Conference on Towards a Better Quality of Life*. Gouna, Egypt. https://doi.org/10.2139/ssrn.3164281

Cucuzzella, C.; Chupin, J.-P.; & Goubran, S. (2017). CoLLaboratoire: Activating Ecological Knowledge through Community Design Experiments. In *Balance-Unbalance 2017 [A Sense of Place]*. Plymouth, UK.

Goubran, S.; Emond, G.; & Cucuzzella, C. (2017). Understanding Regional Sustainability in the Built Environment. In *The 2nd ARTEM Organisational Creativity and Sustainability International Conference*. Nancy, France.

Goubran, S.; Qi, D.; Saleh, W. F.; Wang, L. (Leon), & Zmeureanu, R. (2016). Validation of Numerical Modeling of Airflow Infiltration through Building Entrance Doors. In *eSim Building Performance Simulation Conference* (pp. 351–358). Hamilton, ON.

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## Books and research notebooks

Goubran, S., Hamdy, A. & Mashaly, I. (2024). *Cairene Neighborhoods Reimagined: Towards a Sustainable and Resilient Communal Superblock in 2050*. Coordinated by, Gaafar, J. & Bechir, M. Self-Published. https://shorturl.at/goqV2

Walker, T., Wendt, S., Goubran, S., & Schwartz, T. (Eds.). (2024). Artificial Intelligence for Sustainability: Innovations in Business and Financial Services. Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-49979-1.

Walker, T., Cucuzzella, C., Goubran, S., & Geith, R. (Eds.). (2023). *The Role of Design, Construction, and Real Estate in Advancing the Sustainable Development Goals*. Springer International Publishing. https://doi.org/10.1007/978-3-031-28739-8

Walker, T., Tarabieh, K., Goubran, S., & Machnik-Kekesi, G. (Eds.). (2023). *Sustainable Practices in Higher Education: Finance, Strategy, and Engagement*. Springer International Publishing. https://doi.org/10.1007/978-3-031-27807-5

Goubran, S., & Tarabieh, k. (2022). *Imagining a Fossil Fuel Free Future: Transitioning Gas Stations to Local Resilience Hubs*. Coordinated by, Ibrahim, H; Shaker, N. & Aly, S.. Self-Published. https://shorturl.at/acgJU

Thomas, W., Wendt, S., Goubran, S., & Schwartz, T. (Eds.). (2022). *Business and Policy Solutions to Climate Change: From Mitigation to Adaptation*. Springer International Publishing. https://doi.org/10.1007/978-3-030-86803-1

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Cucuzzella, C., Chupin, J.-P., Rondia, E., & Goubran, S. (2021). *Réinventer l’attente du bus: Principes de conception pour les espaces environnant des abribus | Reimagining waiting for the bus: Design principles for spaces surrounding bus shelters*. Potential Architecture Books.

T. Walker, J. McGaughey, S. Goubran, & N. Wagdy (Eds.) (2021). *Innovations in Social Finance:* *Transitioning Beyond Economic Value*. Palgrave Macmillan - Springer International Publishing. https://doi.org/10.1007/978-3-030-72535-8

Cucuzzella, C., & Goubran, S. (Eds.). (2020). *Sustainable Architecture – Between Measurement and Meaning*. Vernon Press.

Walker, T., Sprung-Much, N., & Goubran, S. (Eds.). (2020). *Environmental Policy: An Economic Perspective*. Hoboken, NJ: Wiley Blackwell.

Cucuzzella, C., Hammond, C. I., Goubran, S., & Lalonde, C. (Eds.). (2019). *Du Didactisme en Architecture / On Didacticism in Architecture*. Cahiers de Recherche du LEAP (Vol. 3). Montreal, QC: Potential Architecture Books.

## Book chapters

Walker, T., Wendt, S., Goubran, S., & Schwartz, T. (2024). Artificial Intelligence for Sustainability: An Overview. In T. Walker, S. Wendt, S. Goubran, & T. Schwartz (Eds.), *Artificial Intelligence for Sustainability: Innovations in Business and Financial Services* (pp. 1–10). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-49979-1\_1

Walker, T., Cucuzzella, C., Goubran, S., & Geith, R. (2023). Toward Realizing the 2030 Agenda in the Built Environment: An Introduction. In T. Walker, C. Cucuzzella, S. Goubran, & R. Geith (Eds.), *The Role of Design, Construction, and Real Estate in Advancing the Sustainable Development Goals* (pp. 2–10). Springer International Publishing. https://doi.org/10.1007/978-3-031-28739-8\_1

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Tarabieh, K., & Goubran, S. (2023). Turning Climate Mitigation Concerns into Institutional Sustainability: Using Carbon Accounting as a Tool for Resource Management in a Desert Environment. In T. Walker, K. Tarabieh, S. Goubran, & G. Machnik-kekesi (Eds.), *Sustainable Practices in Higher Education: Finance, Strategy, and Engagement* (pp. 165–195). Springer International Publishing. https://doi.org/10.1007/978-3-031-27807-5\_9

Goubran, S. (2022). How did Canada Come to Host more than 100 Categories of Sustainable Awards ? In J.-P. Chupin, C. Cucuzzella, & G. Adamczyk (Eds.), *The Rise of Awards in Architecture* (pp. 105–128). Vernon Press.

Walker, T., Wendt, S., Goubran, S., & Schwartz, T. (2022). Climate Change Adaptation: An Overview. In T. Walker, S. Wendt, S. Goubran, & T. Schwartz (Eds.), *Business and Policy Solutions to Climate Change: From Mitigation to Adaptation* (pp. 3–12). Palgrave Macmillan.

Walker, T., McGaughey, J., Goubran, S., & Wagdy, N. (2021). Expanding Our Understanding of Value Through Innovations in Social Finance. In T. Walker, J. McGaughey, S. Goubran, & N. Wagdy (Eds.), Innovations in Social Finance (pp. 3–10). Springer International Publishing. https://doi.org/10.1007/978-3-030-72535-8\_1

Dantas, M., Goubran, S., & Wagdy, N. (2021). Preserving sustainability: activating the ecological university through collective food practice. In W. L. Filho, A. L. Salvia, & E. Frankenberger (Eds.), *Handbook on Teaching and Learning for Sustainable Development* (pp. 418–434). Edward Elgar Publishing.

Cucuzzella, C., & Goubran, S. (2020). Caught between measurement and meaning. In C. Cucuzzella & S. Goubran (Eds.), *Sustainable Architecture – Between Measurement and Meaning* (pp. 1–13). Vernon Press.

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Schwartz, T., & Goubran, S. (2020). An introduction to the current landscape: environmental policy and the economy. In T. Walker, N. Sprung-Much, & S. Goubran (Eds.), *Environmental Policy: An Economic Perspective* (pp. 1–7). Hoboken, NJ: Wiley Blackwell.

Walker, T., & Goubran, S. (2020). Sustainable Real Estate: Transitioning Beyond Cost Savings. In D. M. Wasieleski & J. Weber (Eds.), *Sustainability* (Vol. 4, pp. 141–161). Bingley, UK: Emerald Publishing Limited. https://doi.org/10.1108/S2514-175920200000004008

Goubran, S., Emond, G., & Cucuzzella, C. (2020). Understanding Regional Sustainability in the Built Environment. In K.-P. Schulz & K. Mnisri (Eds.), *Pathways to Connect Creativity and Sustainable Development* (pp. 337–358). PUN – Éditions Universitaires de Lorraine.

Goubran, S.; Masson, T. & Caycedo, M. (2019). Evolutions in Sustainability and Sustainable Real Estate. In T. Walker, C. Krosinsky, L. N. Hasan, & S. D. Kibsey (Eds.), Sustainable Real Estate (pp. 11–31). Cham: Palgrave Macmillan (registered under Springer Nature Switzerland AG). <https://doi.org/10.1007/978-3-319-94565-1_3>

## Refereed poster presentations

Goubran, S.; Cucuzzella, C. & Lee, B. (2019). Sustainable Development Goals (SDGs) to support the design of buildings – A case study for the design of a Net-Zero Energy interpretation center for UQROP in Quebec, Canada. *Concordia INDI Program Research Exposition*. Montreal, QC.

Goubran, S.; Emond, G.; & Cucuzzella, C. (2018). Regional Sustainability – Framework for Alignment in the built environment. *Concordia INDI Program Research Exposition*. Montreal, QC.

Cucuzzella, C.; & Goubran, S. (2018). How to rethink our public transit infrastructure? *Concordia INDI Program Research Exposition*. Montreal, QC.

Goubran, S. (2017). Multidimensional Challenge for you research: interactive presentations. In *Concordia INDI Program Research Exposition*. Montreal, QC.

Cucuzzella, C.; & Goubran, S. (2017). Collaboratoire: Living experiments for climate change awareness. *Concordia INDI Program Research Exposition.* Montreal, QC.

## Professional and other research articles

Goubran, S. (2020). Le Québec dans le concert Canadien des prix de développement durable. *ARQ: Architecture & Design Quebec*, *191*, 14-15.

Goubran, S. (2019). Self-perception, determinism, didacticism. In C. Cucuzzella, C. I. Hammond, S. Goubran, & C. Lalonde (Eds.), *Du Didactisme en Architecture / On Didacticism in Architecture (*LEAP Research Notebook Vol. 3). Montreal, QC: Potential Architecture Books.

Goubran, S. (2018). Architecture: A pluripotent stem field. In L. Martin & J. Lachance (Eds.), *Du potentiel de l’hétéronomie et de l’autonomie en architecture / On the Potential of Heteronomy and Autonomy in Architecture* (LEAP Research Notebook Vol. 2). Montreal, QC: Potential Architecture Books.

Cucuzzella, C.; & Goubran, S. (2017). CoLLaboratoire Montreal: Living experiments for climate change awareness. *ARQ: Architecture & Design Quebec*, *180*, 20–23.

## Non-refereed conference presentations and posters

Aly, S., Ibrahim, H., Goubran, S., Hamdy, A., Mashaly, I., & Tarabieh, K. (2024). Retrofitting Our Way To A Fossil-Fuel-Free Future How Can Urban Gas Stations Be Mobilized For Climate Resilience And Sustainable Urban Environments? *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024)*, Wroclaw, Poland.

Raafat, R., Allam, S., Shoukry, F., Farouh, H., & Goubran, S. (2024). Air Infiltration Testing and Energy Simulation of Green Dwellings in a Social Housing Project in Egypt. *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024)*, Wroclaw, Poland.

Shoukry, F., Goubran, S., & Tarabieh, K. (2024). Digital and Spatial Design Considerations in Healthy University Classrooms: How can we make use of innovative digital tools to safeguard the health and well-being of occupants and improve IAQ? *37th PLEA Conference (Re)Thinking Resilience (PLEA 2024).*, Wroclaw, Poland.

Karimian, H., Muhammad, R., Osama, N., Ouf, M., & Goubran, S. (2024). Examining the Impact of Contextual Variables on Occupant Comfort : A Comparative Study of Thermal and Visual Comfort in Cold and Hot Climates. *2024 ASHRAE Winter Conference*. Chicago, IL.

Halawa, S.; Goubran, S.; Ahmed, S.; El-khattam, N. (2024). Trauma-Induced Changes in the Perception of the Built Environment: Where can Architects Intervene? *Twentieth International Conference on Environmental, Cultural, Economic & Social Sustainability* *2024*. Aveiro, Portugal.

Ahmed, S.; Goubran, S.; Halawa, S.; El-khattam, N. (2024). The impact of light-source type on the cognitive loads of medical students in teaching hospitals. *Twentieth International Conference on Environmental, Cultural, Economic & Social Sustainability* *2024*. Aveiro, Portugal.

El-khattam, N.; S.; Goubran, S.; Halawa, Ahmed, S.; (2024). An “Emotional Inventory” For Natural Stones: Towards a regional red-sea construction identity in harmony with nature. *Twentieth International Conference on Environmental, Cultural, Economic & Social Sustainability* *2024*. Aveiro, Portugal.

Muhammad, R., Allam, S., Farouh, H., Nessim, M., & Goubran, S. (2024). Field Testing for Envelope Construction Quality in Social Housing: In situ testing of envelope air leakage to estimate energy consumption between the current and green models. *International Sustainable Ecological Engineering and Design for Society Conference 2023*. Ipswich, UK.

Geith, R., & Goubran, S. (2023). Realizing Sustainable Development Goal 11 in Public Realm Designs through Regional Landscaping. *11th Annual International Conference on Sustainable Development (ICSD)*. Online.

El-Kady, M & Goubran, S. (2023). Sustainable Learning sustainable design from modern Egyptian architecture: how the pre-HVAC residential buildings of Sayed Karim embody contemporary sustainability principles. In Research and Creativity Convention 2023. Cairo, Egypt.

Shoukry, F., Goubran, S., & Tarabieh, K. (2023). Comparative Analysis of Carbon Footprints in Higher Education Institutions: What Can We Learn about Three University Campuses in Cairo, Beirut, and Cape Town? The International Conference on Advancing Sustainable Futures (ICASF 2023). Abu Dhabi, UAE.

Dalia, W., Shoukry, F., Goubran, S. (2023). Biophilic Design Considerations in Green Buildings: How to reduce the carbon footprint of classrooms in higher educational institutions by using biophilic design principles? *50th Conference of the Association of Egyptian American Scholars (AEAS) 2023*, Cairo, Egypt. December 26-28, 2023

Shoukry, F.; Goubran, S. & Tarabieh, K. (2023). Carbon Footprint Reporting in Higher Education institutions in Cairo, Beirut, and Cape Town: A Story of Leadership in Carbon Reporting. In *Ecocity World Summit 2023.* London, UK.

Shoukry, F.; Goubran, S. & Tarabieh, K. (2023). Investigating the Relationship between Indoor Air Quality and Energy Efficiency in a Post-Pandemic World: Identifying the Parameters, Equations, and Software Tools for Analysing Trade-offs. In *The 10th World Sustainability Forum.* Singapore, Basel, CH and Toronto, CA.

Coucill, L.; Goubran, S.; Boyd, G. & Jefferies, T. (2023). Intersecting Zero-Carbon Goals with Architectural Heritage Practices. In *Towards an Architectural Theory for Sustainability Symposium (Lancaster University and Politecnico di Milano.* Lancaster, UK.

Shoukry, F.; Goubran, S. & Tarabieh, K. (2023). Carbon Footprint Reporting in Higher Education institutions in Cairo, Beirut, and Cape Town. A Story of Leadership in Carbon Reporting, but Are They Keeping Up with Carbon mitigation? In *GAPP/AUC-Urban Climate Symposium on Cities and Climate Change in Developing Countries.* Cairo, Egypt.

Goubran, S.; Rafaat, R.; Marey, A.; Tarabieh, K. & Kamel, B. (2023). Experimental study of envelope airtightness in new Egyptian residential dwellings. In *Research and Creativity Convention 2023.* Cairo, Egypt.

Goubran, S. & Geith, R. (2023). Sustainable Thinking as a Tool for Design: Defining Means of Advancing Sustainable Development in the Built Environment through Transdisciplinary Architectural Design. In *Research and Creativity Convention 2023.* Cairo, Egypt.

Shoukry, F.; Osama, N.; Goubran, S. & Tarabieh, K. (2022). Enhanced Indoor Air Quality Dashboard. In *2nd Annual Africa FM Conference.* Cairo, Egypt.

Rafaat, R. & Goubran, S. (2022). Towards decarbonizing-built environment through assessing air infiltration and its influence on energy-related emissions. In *2nd Annual Africa FM Conference.* Cairo, Egypt.

Ebeid, D.; AbouZeid, M.N. & Goubran, S. (2022). Building Envelope Retrofits to offset the impact of Climate Change. In *2nd Annual Africa FM Conference.* Cairo, Egypt.

Raslan, R.; Goubran, S.; Lila, A.; Atef, S. (2022). Climate Resilience of Workplaces in Egypt. In *COP27, UNFCCC Action Hub, Blue Zone.* Sharm-El-Sheikh, Egypt.

Bassily, V.; Abu Farag, T. & Goubran, S. (2022). The role of heritage preservation in sustainable development. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

El-Kady, M. & Goubran, S. (2022). Learning sustainability from modernist architects. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Geith, R. & Goubran, S. (2022). Sustainable development in the built environment through transdisciplinary architectural design. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Goubran, S. (2022). Engaged Sustainable Futures (ESF). In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Goubran, S. with Salma Ahmed, Salma Halawa, Nouran El Khattam & Ahmed Marey (2022). How do we feel about climate change? In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Goubran, S.; AbdelAziz, O.; Tarabieh, K. & Nassar, K. – with Marian Nessim, Miriam Elias, Ahmed Hafez, Niriman Soliman, Moataz El-Dakroury & Aya El-Shabshiri (2022). Wind towers as a passive environmental solution for energy and carbon reduction. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Goubran, S.; Coucill, L.; Jefferies, T.; Tarabieh, K. & Hales, D. with Lobna Anous, Tamer El Gabaly and five undergraduate students (2022) The transnational heritage future studio. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Goubran, S.; Tarabieh, K. with Hagar Ibrahim, Shahd AbdelAziz, and Nadine Shaker (2022). Fossil fuel free urban future. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Raafat, R.; Goubran, S. & Tarabieh, K. with Donna Nader (2022). Towards decarbonizing-built environment through assessing air infiltration and its influence on energy-related emissions. In *COP27 Green Zone AUC-Pavilion.* Sharm-El-Sheikh, Egypt.

Adamczyk G.; Goubran, S. (2019). Utopia at Home: Mary Otis Stevens and Thomas Mc Nulty’s Lincoln House. In *Lieux et rituels de l’utopie et de la systopie (Architecture de la catastrophe) - Colloque international / LEAP (Montréal) + LéaV (Versailles)*. Montreal, QC.

Dantas, M.; Goubran, S. & Ragueb, N. (2019). Sauerkraut – Fermenting food security (an interactive presentation). In *Sustainability in the City and Beyond, 2019.* Montreal, QC.

Dantas, M.; Goubran, S. & Ragueb, N. (2018). Season Jars: The Art of Fermentation Through Sauerkraut. In *Food Secure Canada 2018 Conference.* Montreal, QC.

Cucuzzella, C.; & Goubran, S. (2018). Community experiments for integrated design, ecology and sustainability in the built environment. In *Villes intelligentes et durables : Design social, démocratiquee participative et économie circulaire - UQAM*. Montreal, QC.

Goubran, S. (2014). Egypt’s Pre-Historic Archaeological Sites: A Review of Conservation Methods. In *9th Conference for Excellence in Undergraduate Research, Entrepreneurship, and Creative Achievement*. Cairo, Egypt.

Goubran, S.; Khalil, A.; Safwat, H.; & Mohamad, M. (2014). Rehabilitation of the National Democratic Building - Cairo. In *9th Conference for Excellence in Undergraduate Research, Entrepreneurship, and Creative Achievement*. Cairo, Egypt.

Goubran, S.; Khalil, A.; Safwat, H.; & Mohamad, M. (2014). Future Urban Development in East of Cairo. In *9th Conference for Excellence in Undergraduate Research, Entrepreneurship, and Creative Achievement*. Cairo, Egypt.

## Technical and academic reports

Sherif Goubran, Khaled Tarabieh, Rana Raafat, Salma Allam, Donna Ebeid, Mariam El-Husseiny (2023). Field Testing for Envelope Construction Quality in Social Housing: In situ testing of envelope air leakage and U-value to estimate improvements between the current and green models.

Report prepared by research team and presented to The Housing and Building National Research Center (HBRC) to report on the outcomes of the MOU signed between AUC and the center

Yasmin Mansour, Sahar El Ghandour, Sydney Krisanda, Khaled Tarabieh, Sherif Goubran (2023). 2023 -Carbon Footprint Report. The American University in Cairo.

Report prepared by AUC’s sustainability office to report on the university’s carbon footprint.

Yasmin Mansour, Sahar El Ghandour, Sydney Krisanda, Khaled Tarabieh, Sherif Goubran (2023). 2023 -Carbon Footprint Report. The American University in Cairo.

Report prepared by AUC’s sustainability office to report on the university’s carbon footprint.

Sherif Goubran, Khaled Tarabieh (2021). Dual Delivery Classroom Testing – Infrastructure and technology improvements for hybrid learning. The American University in Cairo.

Report prepared for AUC’s Provost office to inform on the spending on classroom improvements.

Yasmin Mansour, Sahar El Ghandour, Sydney Krisanda, Khaled Tarabieh, Sherif Goubran (2021). 2021 -Carbon Footprint Report. The American University in Cairo.

Report prepared by AUC’s sustainability office to report on the university’s carbon footprint.

Carmela Cucuzzella, Sherif Goubran, Stefania Hernández (2018). Louis-Hippolyte Lafontaine Bridge-Tunnel Design Alternatives Development Report.

Report prepared for the center of zero energy buildings at Concordia University for submission to the Ministère des Transports, de la Mobilité durable et de l'Électrification des transports.

Carmela Cucuzzella, Jean-Pierre Chupin, Sherif Goubran (2018). Design principles for rethinking of sites surrounding bus stops in Montreal.

Report prepared to gather, categorize, and analyze the principles received in a design competition on the topic to be used to produce a small-size book and a game for designers and policymakers.

Liangzhu (Leon) Wang, Sherif Goubran, Dahai Qi and Wael F. Saleh. (2016). Energy Saving Impact of Air curtain Doors in Commercial Buildings: Experimental Validation, CFD Simulations and Whole-Building Energy Simulations (Phase III).

Report submitted to the Air Movement and Control Association, Inc. (AMCA)

Sherif Goubran, Eric Ballachey, Abdalla Osman, Xingchen Li. (2015). VOC Control After Re-painting of Residential Spaces - Using Wool as a Contaminants Sink.

The report was prepared as part of an academic course in the Building, Civil and Environmental Engineering Department at Concordia and was sent to the wool industry association as per their request.

## Journal Articles under review and submission

Shoukry, F., & Goubran, S. (202-). Learning Spaces in the Post-Pandemic Era: A Framework for Healthy University Classroom Design. *Discover Education*. **Under Review**

Shoukry, F., Goubran, S., & Tarabieh, K. (202-). Drawing Parallels between Cities and Universities in Calculating GHG Emissions: What Can Three Universities Teach Us About Carbon Footprint Reporting? *Journal of Environmental Studies and Sciences*. **Under Review**

Shoukry, F., Goubran, S., & Tarabieh, K. (202-). Anticipating emerging research frontiers related to Indoor Air Quality: What did we learn from the COVID-19 pandemic? *Journal of Sustainability Research.***Under Review.**

Raafat, R.& Goubran,S. (202-). Asymmetries in Global Building Envelope Air Infiltration and Envelope Tightness Data: Exploring Knowledge Gaps Critical for Accurate Energy Analyses. *Indoor Environments***. Under Review.**

Geith, R., Amin, S. & Goubran,S. (202-). An architecture and landscape region-specific design framework to advance the Sustainable Development Goals. *Indoor Environments***. Under submission.**

Goubran, S. (202-). Assessing and analysing sustainable buildings – a critical review on the recent debates and reflection on the future directions. **In preparation.**

Goubran, S. (202-). Sustainable Development as understood from Canada's most awarded public green buildings. **In preparation.**

## Books and research notebooks (in preparation)

Machine Learning for Sustainable Urban Futures: Infrastructure, Mobility, Economics, and Social Equity in Smart Cities 2.0

Walker, T; Wang, L.; Goubran, S.; Marey, A.

Publisher: Palgrave Macmillan (Prospective)

Status: Call for Abstract in progress

ASHRAE Design Guide for Air Curtains

Wang, L.; Johnson, D.; Cuaderno, F.; Qi, D.; Goubran, S.

Publisher: ASHRAE

Status: Contract extended, Manuscript in preparation

Ecological Architecture - Expressiveness, contextuality, and design orientation in environmental means

Cucuzzella, C.; Goubran, S.; Alassafin, F.

Publisher: TBD

Status: Manuscript in preparation

## Conference papers under review and submission

Excluded due to substantial number.

# Art and creative practice

## Art and design contributions

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| **Zero Carbon Future Heritage** - installation | May – November 2023 |

Time Space Existence, European Cultural Centre, *Architecture Venice* Biennale *2023*

**Tom Jefferies, Sherif Goubran, and Laura Coucill**

Zero-carbon and carbon-negative landscapes and architecture imagined today are the future legacies of the built environment. Funded by the British Council, three institutions examine the heritage-rich contexts of Northern Ireland, Egypt, and England to explore design's role in producing future value. This ‘Distributed Design Studio’ engages architectural design thinking to re-evaluate decarbonisation strategies across scales, cultures, and climates. Presentations of design research findings at COP27 highlighted limitations of current decarbonisation strategies, and generated a shared understanding of local responses to global challenges, forming the basis of propositionally based themes that overlap:

**The Home + Away Catalogue of Alternative Living (**Queen’s University Belfast, Northern Ireland)

*Prof. Tom Jefferies, Prof. Gary Boyd,* Pinar Akdag, Molly Baker, Sharley Pui Zie Chong, Aimee Grant, Dhiraj Reddy Jaddu, Rolandas Laurinavicius, Megan Mackin, Rory McCormack, Suman Miah, Natalia Mokras, Miceal Murphy, Fearghal Rooney, Yuekai Shi, Adela Vagova, Louise Weston, Lois Chan Mei Xing

**Reviving-Reusing-Futuring (**The American University in Cairo, Egypt)

*Dr. Sherif Goubran, Dr. Khaled Tarabieh,* Amgad AbelAlim, Heba ElKammah, Laila Hany, Lobna Anous, Moustafa Zahran, Nouran El-Khattam, Omar Assem, Saja Shatat, Tamer ElGabaly.

**Scarcity, Surplus and Heritage Production (**University of Salford, England)

*Dr. Laura Coucill, Dr. Derek Hales, Dr. Fadi Shayya,* Aiden Armstrong, Aysha Hanif, Anupriti Nainwal, Asma Fouz, Brigit Behanan, Callum Forrester, Daniela Atzori, Darcey Charnley, Darshan Paraliya, Dzhan Asanov, Eris Hysa, Hicran Gokcen, Jack Smedley, Junona Mackevic, Lana Mahmmud, Laura Janicka, Lydiane Ait Amer Mezaine, Matthew Silvester, Max Gibson, Medahavi Shah, Naga Poripireddy, Noor Alsaffar, Precious Adedeyo, Rasheed Sabitu, Saptarshi Sarkar.

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| **A Case for Sensory Decolonisation: Autistic Escape** - installation | May – November 2023 |

Time Space Existence, European Cultural Centre, *Architecture Venice* Biennale *2023*

**Magda Mostafa, Progressive Architects + The American University in Cairo (inc. Sherif Goubran)**

The installation explores questions around the colonisation of sound scapes in the city and invites visitors explore the power of sensory escape spaces in the built environment.

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| **Conjecture** – art installation | November 2018 |

Making arts, marking politics (art residency and exposition): May to November 2018

Faculty of Fine Arts– Concordia University

**Sherif Goubran, Artist in Residence**

The installation explores questions around vacancy in buildings. Part of the art residency that brought together the Alternative (Concordia’s political party-in-residence from Denmark) taking place at Expo 67 Canadian Pavilion (Parc Jean-Drapeau).

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| **The jars say it all,** by Season Jars– art installation | November 2018 |

4th Space – Concordia University

**Monica Dantas, Sherif Goubran and Nadra Wagdy**

Season Jars selected to create one of the contributing art installations at the inaugural event for the 4th Space (Concordia University’s research creation exposition space).

## Object design and creation

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| **Indoor Energy visualization and gamification** | 2019 |

4TH SPACE – Concordia University

Co-designed an energy-based visualization and comfort game for space users using current sensors and processing.

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| **Modelling and 3D printing of Animal Trachea** | 2016 - 2018 |

McGill University - Project led by McGill ENT (Head and neck surgery) medical residents.

Designed, modelled and optimized a biologically accurate model of an animal trachea to be used in provincial and federal government funded stem cell research - Contribution acknowledged in journals articles and students’ masters’ dissertations.

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| **Concordia’s moving and talking compost character** – object design | 2016 |

Waste not want not, Compost awareness campaign – Concordia University

Designed and built a fully controlled moving and talking compost bin that was used in creating a comedy during the campaign events. Preview: <https://www.youtube.com/watch?v=nUZtS8Q_rVk>

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| **Helium Filled Soap Bubble (HFSB) for large scale flow visualization using Particle Image Velocimetry (PIV)** | 2016 |

Concordia University – Designed for the Building Envelope Research Laboratory

In order to visualize air flow in large scale, a system was designed, prototyped, tested and fabricated to produce HFSB that can be used with 2D laser PIV in laboratory experiments. Work submitted as a picture in the NSERC Science Exposed 2018 competition.

## Literary salon

Goubran, S. (2014). 5269, Rue Saint Hubert - a novel for young adults. In 9th Conference for Excellence in Undergraduate Research, Entrepreneurship, and Creative Achievement. Cairo, Egypt.

Presented a novel that narrates the life experience of a young designer who immigrates to Canada from Syria amid the political unrest.

Goubran, S. (2014). A Countryside Dream - an illustrated children’s book (age 6-8).

Presented at the American University Nursery – part of the EURECA local conference. The book aims to help children understand basic sustainability and social justice principles and overcome negative perceptions of rural dwellers and farmers in Egypt.

# Other contributions

## Opinions, blogs, and editorials

**Opinion: Sustainable design is good design!**

Published by AUC Today – Summer 2022

https://auctoday.com/2022/06/22/akher-kalam-3/

**Blog: Short term rentals and real estate in the time of corona**

Published by Concordia University – April 1st, 2020

https://www.concordia.ca/cunews/offices/vprgs/sgs/public-scholars-19/2020/04/01/short-term-rentals-and-real-estate-in-the-time-of-corona.html

**Blog: Climate change: mitigation, adaptation and the role of design**

Published by Concordia University – January 28th, 2020

https://www.concordia.ca/cunews/offices/vprgs/sgs/public-scholars-19/2020/01/28/climate-change-mitigation-adaptation-and-the-role-of-design.html

**Editorial: When the act of making creates a refuge**

Published by Concordia University Chair in IDEAS-BE – 2020

**Editorial: A timber building as a showcase of the urban future**

Published by Concordia University Chair in IDEAS-BE – 2019

**Editorial: The Tragedy of the Fallen Crows**

Published by Concordia University Chair in IDEAS-BE – 2019

https://ideas-be.ca/data/gerard-beaulieu-where-the-rubber-meets-the-road-2018/

**Blog: To automate or to educate?**

Published by Concordia University – November 19th, 2019

https://www.concordia.ca/cunews/offices/vprgs/sgs/public-scholars-19/2019/11/19/to-automate-or-to-educate.html

**Blog: What I have learned from studying sustainability in buildings for the last 5 years**

Published by Concordia University – September 10th, 2019

https://www.concordia.ca/cunews/offices/vprgs/sgs/public-scholars-19/2019/09/10/what-i-have-learned-from-studying-sustainability-in-buildings-for-the-last-5-years.html

**Blog: We need to transition beyond the 'doing good by paying more' model**

Published by Concordia University – July 9th, 2019

https://www.concordia.ca/cunews/offices/vprgs/sgs/public-scholars-19/2019/07/09/we-need-to-transition-beyond-the-doing-good-by-paying-more-model.html

**Opinion: Let's build sustainably, not just 'green**

Sherif Goubran, Special to Montreal Gazette, Montreal Gazette

Published by the **Montreal Gazette** and republished by the **Ottawa Citizen** – June 11th, 2019

https://montrealgazette.com/opinion/opinion-lets-build-sustainably-not-just-green

https://ottawacitizen.com/opinion/columnists/goubran-lets-build-sustainably-not-just-green?fbclid=IwAR3\_lJ8-gh9buKHNc65-HaAwgmBjUydkE\_qheZeOYiqB6KkOh47JJqLyA6k

## Invited presentations and guest lectures

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| **Invited Seminar Presentation** | May 2024 |

Building Envelopes and its Role in Saving Energy

**Housing Building Research Centre, Egypt**

Title: Air Infiltration in Social Housing: comparing between the traditional and green models

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| **Guest Lecture** | April 2021 |

The SDGs & Design (DART 263)

**Design and computational art, Concordia University**

Presented an introduction regarding the SDGs and their integration in the sustainable design process.

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| **Guest Lecture and Workshop** | March 2024 |

High Performance Envelopes and Solar Power Generation in Buildings (ARCH 4562)

**Architecture engineering, The American University in Cairo**

Presented the technical and practical dimensions of high-performance envelope design and PV integration in buildings.

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| **Guest Lecture and Workshop** | April 2023 |

High Performance Envelopes and Solar Power Generation in Buildings (ARCH 4562)

**Architecture engineering, The American University in Cairo**

Presented the technical and practical dimensions of high performance envelope design and PV integration in buildings.

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| **Guest Lecture and Workshop** | December 2022 |

Sustainable Cities, and urban mobility – research, engagement, practice

**Architecture engineering, The German University in Cairo**

Presented an introduction to sustainable cities and future urban mobility, covering theory, practices, and modes of engagements for an undergraduate level architecture class.

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| **Guest Lecture** | October 2022 |

Developing theories in Sustainable design (ARCH 5201)

**Architecture engineering, The American University in Cairo**

Presented an overview and introduction to theories of sustainable design, and the process for developing new theories to analyze sustainability in architecture design projects.

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| **Guest Lecture** | September 2021 |

Sustainable development and sustainable design theory (ARCH 5201)

**Architecture engineering, The American University in Cairo**

Presented an introduction to sustainability in the built environment and an historical overview of sustainable development for a master’s level architecture class

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| **Guest Lecture** | May 2021 |

The Logical Argumentation – Semiotics, city planning and sustainability (DART 632)

**Design and computational art, Concordia University**

Presented an introduction for logical argumentation methods and reviewed work on semiotics, city planning and sustainability. Design.

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| **Guest Lecture** | April 2021 |

The SDGs & Design (DART 263)

**Design and computational art, Concordia University**

Presented an introduction regarding the SDGs and their integration in the sustainable design process.

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| **Invited Seminar Presentation** | June 2020 |

Building Performance Research Summer Seminar Series, Carleton University

**Civil engineering, Carleton University**

Presented a seminar on work done with Dr. Cucuzzella and Dr. Ouf on soliciting occupant behaviours through interactive-art. Design.

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| **Guest Lecture** | July 2020 |

University of Waterloo Summer Camp, University of Waterloo

Our Buildings have credentials…Now what?

**Civil engineering, University of Waterloo University**

Presented an overview of how buildings should contribute to sustainable development, beyond the energy-carbon nexus.

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| **Guest Lecture** | November 2019 |

The SDGs & Design (DART 263)

**Design and computational art, Concordia University.**

Presented an introduction regarding the SDGs and their integration in the sustainable design process.

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| **Guest Lecture** | October 2019 |

Finding Academic Journals and Publishing Your Work

**School of Architecture, Universite de Montreal**

Presented to 7 LEAP researchers

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| **Guest lecture** | April 2019 |

Organizational and Community Sustainability (AHSC 415)

**Applied human sciences, Concordia University**

Presented an introduction to the applications of sustainability principles in the built environment.

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| **Guest lecture** | March 2019 |

Urban spaces and their design (ANTH/SOCI 355)

**Anthropology and sociology, Concordia University**.

Presented an introduction on designing future cities and concepts of urban sustainability in a class focused on Anthropology and Sociology of Urban Regions.

## Presentations and seminars

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| **Symposium and Round Table Discussion** | June 2023 |

Time Space Existence (2023 Architecture Biennale), The European Cultural Center (Venice)

Presented: Decarbonising heritage: insights from a transnational design studio

Queen’s University Belfast, Northern Ireland

Prof. Tom Jefferies, Prof. Gary Boyd, Pinar Akdag, Molly Baker, Sharley Pui Zie Chong, Aimee Grant, Dhiraj Reddy Jaddu, Rolandas Laurinavicius, Megan Mackin, Rory McCormack, Suman Miah, Natalia Mokras, Miceal Murphy, Fearghal Rooney, Yuekai Shi, Adela Vagova, Louise Weston, Lois Chan Mei Xing

The American University in Cairo, Egypt

Dr. Sherif Goubran, Dr. Khaled Tarabieh, Amgad AbelAlim, Heba ElKammah, Laila Hany, Lobna Anous, Moustafa Zahran, Nouran El-Khattam, Omar Assem, Saja Shatat, Tamer ElGabaly

University of Salford, England

Dr. Laura Coucill, Dr. Derek Hales, Dr. Fadi Shayya, Daniela Atzori, Laura Janicka, Callum Forrester, Eris Hysa, Matthew Silvester, Naga Poripireddy, Rasheed Sabitu, Lana Mahmmud, Aiden Armstrong, Dzhan Asanov, Darcey Charnley, Junona Mackevic, Max Gibson, Jack Smedley, Brigit Behanan, Noor Alsaffar, Lydiane Ait Amer Mezaine, Precious Adedeyo, Medahavi Shah, Anupriti Nainwal, Asma Fouz, Saptarshi Sarkar, Darshan Paraliya, Aysha Hanif, Hicran Gokcen.

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| **Seminar Presentation** | February 2021 |

IDEAS-BE Research Seminar, Concordia University

Presented the findings of my research project titled: “Our Buildings have Credentials … now what?”

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| **Seminar Presentation** | December 2020 |

IDEAS-BE Research Seminar, Concordia University

Presented a seminar on my research work, and a discussion on the presentation of my PhD thesis.

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| **Workshop Presentation** | December 2020 |

The Center for Zero Energy Building Studies (CZEBS) - Workshop Symposium, Concordia University

Presented my the work on eco-nudging and energy actions in the built space

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| **Seminar Presentation** | January 2020 |

IDEAS-BE Research Seminar, Concordia University

Presented a seminar on academic publication; processes, journal selection and tensions around open science.]

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| **Seminar Presentation** | October 2019 |

IDEAS-BE Research Seminar, Concordia University

Presented the findings of my research project titled: “Our Buildings have Credentials … now what?”

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| **Seminar Presentation** | October 2019 |

IDEAS-BE Research Seminar, Concordia University

Presented the research findings with the title “The Semiotics of Sustainability in Architectural Design Projects”

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| **Workshop Presentation** | April 2018 |

The Center for Zero Energy Building Studies (CZEBS) - Workshop Symposium, Concordia University

Presented my PhD research

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| **Workshop Presentation** | March 2016 |

The Center for Zero Energy Building Studies (CZEBS) - Workshop and Lunch, Concordia University

Presented part of master’s research regarding energy savings from infiltration reduction

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| **Workshop Presentation** | March 2015 |

The Center for Zero Energy Building Studies (CZEBS) - Workshop and Lunch, Concordia University

Presented part of master’s research regarding energy savings from infiltration reduction

## Thesis and Dissertations

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| **Our buildings have credentials… Now what?** Reconciling Green buildings and sustainable development | April 2021 |

PhD Thesis – Comprehensive exam, proposal, dissertation, and defence. Concordia University

Supervised by: Dr. Carmela Cucuzzella (main supervisor), Dr. Bruno Lee, and Dr. Thomas Walker

Funded by: Vanier Canada Graduate Scholarship (SSHRC), Joseph-Armand Bombardier Canada Graduate Scholarships (held in name), Individualized program (School of Graduate Studies - Concordia University), Concordia Public Scholars, Concordia University Research Chair in Integrated Design, Ecology and Sustainability for the Built Environment (ideas-be), Laboratoire d'étude de l'architecture potentielle (LEAP), and the power corporation of Canada.

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| **Energy Saving impact of Air Curtains in Commercial Buildings** | March 2016 |

Master’s Thesis – Dissertation and defence. Concordia University

Supervised by: Dr. Liangzhu (Leon) Wang

Funded by: Retired Faculty and Staff Graduate Award (Concordia University); Air Movement and

Control Association International, Inc.

Received: The F.A. Gerard Prize (M.A.Sc. & M. Computer Science)

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| **The HUB - Khayala Urban Center. Empowering Through Expression** | June 2014 |

Bachelor’s Thesis Design Project - Jury/Critique, American University in Cairo

Supervised by: Dr. Magda Moustafa and Dr. Basil Kamel

Defended in front of a jury committee composed of 6 internal and external professors and professionals.

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| **The Social experiment to expand and develop (The SEED)** | December 2013 |

Bachelor’s Thesis Research Project – Dissertation and defence, American University in Cairo

Supervised by: Dr. Magda Moustafa and Dr. Basil Kamel

Co-authors: Alaa Khalil, Hassan Safwat and Moaz Mohamad

Contribution: Fieldwork, data collection and the mapping. I also completed the writing of the literature review and contributed in the presentation of the document

# Public speaking and workshop facilitation

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| **Round Table Co-organizer and Moderator,** The Many Cities of Cairo | May 2024 |

NextArchLab, The Architecture Alumni Association, ESSEC Business School (France) and The Department of Architecture, The American University in Cairo

In this open discussion, Egyptian scholars and practitioners are joined by faculty and students from ESSEC school on their study visit to Cairo to discuss the many characters and contrasts seen in the city of Cairo.

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| **Round Table Moderator,** Exploring Downtown's Sustainable Future: From Visions to Viability | April 2024 |

Tahrir Cultural Festival, The American University in Cairo – Old Campus

In this open discussion, students, faculty and practitioners will debate the challenges and possibilities of creating a more sustainable future for downtown.

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| **Workshop co-facilitator,** Future Possibility: Design Futures for global Challenges | February 2024 |

Salford Laboratory of Architecture, The University of Salford, UK

Co-designed and facilitated a 3-day workshop for students from University of Salford, the American University in Cairo and Manchester School of Architecture focused on the future skills for tackling global climate and sustainability challenges. The workshop was followed by 1 day symposium, and invited talks, technical sessions, collective charettes, and project pitches..

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| **Moderator,** AUC Campus 2026 (3 Talks – for 3 visionary projects) | November 2023 |

AUC Planning Office, The American University in Cairo

Moderating three public discussions and community feedback session for the campus 2026 plan.

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| **Discussant,** Symposium on Cities and Climate Change in Developing Countries | May 2023 |

GAPP/AUC Urban Climate Symposium, the American University in Cairo.

Invited to hold discussions for one research presentation focused on low carbon cities.

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| **Panelist,** Architecture Leih? The Global-Local Dialogue | March 2023 |

The Department of Architecture, The American University in Cairo

Leading the Sustainability Cluster Talk focused on the trajectory from architecture to sustainable design with 3 AUC alums.

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| **Panelist,** Fulbright Specialist Program: Sustainable Urban Development and Real Estate | January 2023 |

Architecture Building TU Berlin (in collaboration with the University of Florida)

Invited on a panel titled: Sustainable Urban Development and Real Estate. The scope of the discussion was to present global and local perspectives on sustainable real estate and urban development, and the role of assessment methods.

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| **Panelist,** Cairo Media Conference: The Hope factor: Negotiating the outcome | October 2022 |

Tahrir Cultural Center, The American University in Cairo

Invited on a panel titled: The Hope factor: Negotiating the outcome. The scope of the discussion was to overview the future and hope in improving communication and media around climate and sustainability issues.

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| **Panelist,** World Bank Group's Middle East, and North Africa Climate Roadmap | October 2022 |

The American University in Cairo

The World Bank Group presented its climate roadmap in the MENA, which aims to spur climate action and implement a green recovery in the region. A panel discussion on food systems, water security and climate-smart cities.

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| **Facilitator,** Food Preservation Workshops | June 2016 – August 2022 |

Season Jars, Concordia University

Worked, with other project members, to design, prepare and facilitate workshops on food preservation which include scientific and community kitchen dimensions. Facilitated more than 40 workshops (approx. 1 workshop every month).

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| **Panelist,** The Future of Energy: Dispelling Myths | June 2022 |

School of Sciences and Engineering, The American University in Cairo

Invited panelist for the panel discussion with 4 professors from petroleum engineering and architecture, focusing on the future of energy and the environmental footprints of energy sources.

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| **Moderator,** Urban Development and Real Estate in Cairo: inclusivity, sustainability, economic opportunities, and legal frameworks | May 2022 |

Seminar: Urban and Real Estate Development in Cairo - Past, Present and Future

Moderated a round table discussion with 4 academics on the topic.

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| **Panelist,** Sustainability: today and in the future | March 2022 |

Egypt Facility Management Forum 2022

Invited panelist for the panel discussion with 3 practitioners and 1 academic, focusing on sustainability trends in facility management industry and the next steps in sustainable asset management.

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| **Round Table Participant,** Cairo chapter of the Ecocity Summit 2022 | February 2022 |

Ecocity Summit 2022

Invited to virtual round table discussion on healthy and just built environments, along with more than 10 other academics from the MENA regions. The discussion part of the satellite conference in Cairo.

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| **Panelist and moderator,** Championing sustainability: Real world impact | June 2021 |

Big 5 Egypt 2021 – Industry Talks

Invited panelist and moderator for the panel discussion with 2 practitioners and 1 academic, focusing on sustainability trends, eco-materials, sustainability transition and affordability.

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| **Speaker,** Vanier Application in Practice | August 2020 |

GradProSkills, Concordia University

One of 3 Vanier Scholars invited to speak on the scholarship application process and our leadership experiences. ‘

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| **Panelist,** Youth Panel: Our Future, Our Time | Notre avenir, notre temps | May 2020 |

Ensemble | Together conference, Quebec City

Representing Canadian researchers working on sustainable development and the SDGs. Together|Ensemble is Canada’s national conference devoted to tracking progress on the United Nations Sustainable Development Goals (SDGs).

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| **Workshop Development and Facilitator,** Green Interior Design | November 2019 |

Sources Adult and Career Centre, Lester B. Pearson School Board

Developed and delivered a 5-hour introductory workshop for 20 interior design, decorating and display instructors in Lester B. Pearson School Board. The workshop covered the theory and history of sustainable design, the specific application of sustainable design in interior-built spaces and the current certification standards and guidelines.

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| **Speaker and Panelist,** Public scholars showcase | October 2019 |

4TH SPACE, Concordia University

As part of its NextGenCities programming, 4TH SPACE has invited three public scholars to discuss their latest research about cities. Paula Wood-Adams, dean of graduate studies, will introduce the scholars at the event.

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| **Workshop Development and Facilitator,** Applying to government grants | September 2018 |

Personal initiative, Concordia University and Universite de Montreal

Held 2 workshops (1 in each institution) to provide guidance in grant and scholarship applications in the fields of design and architecture. Workshops attended by 9 students.

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| **Speaker,** Listening to Leadership Stories from Vanier Scholars at Concordia | August 2018 |

GradProSkills, Concordia University

One of 6 Vanier Scholars invited to speak on the scholarship application process and our leadership experiences.

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| **Panelist,** Graduate Studies Panel | October 2017 |

Concordia Open House, Concordia University

Represented the INDI program on a panel composed of 4 students. Helped prospective graduate students in understanding Concordia University and the structure of the individualized program.

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| **Workshop Development and Facilitator,** Imagining your research in 3D | November 2016 |

INDI Program – Concordia University

Designed and organized a workshop (part of the INDI workshop series) to invite PhD researchers and faculty members to use material to imagine their research in 3-dimensional space. The workshop aimed at helping researchers to discover new opportunities and possibilities for approaching their research.

# Academic experience

## Administrative Positions

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| **Graduate Program Director** | Fall 2023 –Ongoing |

Department of Architecture, The American University in Cairo

## Teaching experience

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| **Senior Design Thesis Studio (ARCH 4570)** | Fall 2023 |

**Thesis Advisor – Sustainability sub-steam**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Fall 2023 |

**Coordinator & studio instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Fall 2023 |

**Research Advisor**

Department of Architecture, The American University in Cairo

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| **Environmental Control Systems and Sustainable Design (ARCH 2231)** | Fall 2023 |

**Coordinator & instructor**

Department of Architecture, The American University in Cairo

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| **Thesis Studio (ARCH 4981)** | Spring 2023 |

**Thesis Advisor – Zero Carbon**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Spring 2023 |

**Coordinator & studio instructor**

Department of Architecture, The American University in Cairo

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| **Research Methods in Architecture (ARCH 5221)** | Spring 2023 |

**Instructor (collaborator)**

Department of Architecture, The American University in Cairo

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| **Senior Design Thesis Studio (ARCH 4570)** | Fall 2022 |

**Thesis Advisor – Zero Carbon**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Fall 2022 |

**Coordinator & studio instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Fall 2022 |

**Research Advisor**

Department of Architecture, The American University in Cairo

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| **Research Methods in Architecture (ARCH 5221)** | Spring 2022 |

**Instructor (collaborator)**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Spring 2022 |

**Studio Instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Spring 2022 |

**Coordinator & research advisor**

Department of Architecture, The American University in Cairo

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| **Vertical Studio B (****ARCH 4562)** | Fall 2021 |

**Coordinator & Studio Instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Fall 2021 |

**Research Advisor**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Fall 2021 |

**Studio Instructor**

Department of Architecture, The American University in Cairo

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| **Designing with the SDGs** | Summer 2021 |

**Instructor**

SDG summer school, CIRODD and Concordia University (Montreal Canada)

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| **Vertical Studio B (ARCH 4562)** | Spring 2021 |

**Studio Instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Spring 2021 |

**Research Advisor**

Department of Architecture, The American University in Cairo

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| **Research Methods in Architecture (ARCH 5221)** | Spring 2021 |

**Instructor (collaborator)**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Spring 2021 |

**Studio Instructor(collaborator)**

Department of Architecture, The American University in Cairo

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| **Vertical Studio B (ARCH 4562)** | Fall 2020 |

**Studio Instructor**

Department of Architecture, The American University in Cairo

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| **Graduation Dissertation (ARCH 4980)** | Fall 2020 |

**Research Advisor**

Department of Architecture, The American University in Cairo

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| **Sustainable Design Studio (ARCH 3554)** | Fall 2020 |

**Studio Instructor(collaborator)**

Department of Architecture, The American University in Cairo

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| **Basics of Environmental Design (ARCH 2231)** | Fall 2020 |

**Instructor(collaborator)**

Department of Architecture, The American University in Cairo

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| **Design thinking for non-designers** | Fall 2018 |

**Instructor (Collaborator)**

Collaborated in delivering the course, DISTRICT3 business incubator (Montreal, Canada)

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| **Design thinking for non-designers** | Fall 2017 |

**Instructor (Collaborator)**

Collaborated in delivering the course, DISTRICT3 business incubator (Montreal, Canada)

## Program and Course development and updates

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| **Development of a sustainability stream in the Architecture Undergraduate program** | Winter 2024 |

Focus: Responding to Climate Change, Shaping Resilient Futures

The Department of Architecture, the American University in Cairo.

The Sustainability stream aims to equip you with the knowledge, skills, and future-oriented vision to lead in this new design paradigm. The focus transcends technical expertise, delving into the social, ecological, and forward-thinking dimensions of design, while creating human-centered and climate-adapted built environments. We offer a space to explore how architecture can become a powerful tool for adapting to climate uncertainty, tackling sustainability challenges, and shaping human-centered, climate-resilient built spaces.

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| **Proposal for Global Architecture Immersion Program** | Fall 2023 |

Office of the Provost, the American University in Cairo.

The program aims to provide a new form of international education, where students need gain a global perspective on architecture and design. Pedagogically, the program’s learning outcomes would be aligned with the context and teaching-learning opportunities available in each of the three countries to maximize the community, space-based, and cultural-driven learning opportunities. In doing so, the program graduates will lead the development, rethinking, and redefinition of the practice and scholarship of the field.

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| **Development of an interdisciplinary course on Beauty and Sustainability in the Built Environment (Philosophy)** | Fall 2023 – Winter 2024 |

Course Title: Building Beauty in a Sustainable World

Philosophy and Architecture, the American University in Cairo.

This interdisciplinary course combines theory and practice to delve into the foundations of beauty and aesthetics in the physical world. It is designed to provide a space for profound exploration and contemplation of beauty within the context of philosophy and the built environment. The course asks how a theoretical and applied understanding of beauty can help us create a more sustainable world.

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| **Updates to Environmental Controls and Sustainable design Course** | Fall 2023 |

Course Title: Environmental Control Systems and Sustainable Design (ARCH 2231)

Department of Architecture, the American University in Cairo

Updates to coordinate the course structure, content, and updates, full schedule reform, new reading materials and updates to software used.

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| **Updates to Sustainable Design Studio** | Summer 2023 |

Course Title: Sustainable Design Studio (ARCH 3554)

Department of Architecture, the American University in Cairo

Updates to coordinate the project brief that is taught, developing new project brief. Other updates include, full schedule reform, new reading materials and updates to software used.

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| **Updates to Sustainable Design Studio** | Winter 2023 |

Course Title: Sustainable Design Studio (ARCH 3554)

Department of Architecture, the American University in Cairo

Updates to coordinate the project brief with the Urban Design studio that is taught concurrently. Other updates include, full schedule reform, new reading materials and updates to software used.

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| **Development of an interdisciplinary course on sustainability in the built environment (Global Studies)** | Fall 2022 |

Course Title: Sustainability in the Cracks of Urban Policy: Communities, Bureaucracies and Adaptation!

Core Courses Program, the American University in Cairo.

This applied action core course is designed to be a space for exploring and envisioning more sustainable futures. This course aims to identify, analyze and exploit the grey areas in rules and norms that govern our unsustainable behaviors. Thus, the course will operate at the fuzzy border between the constructed binaries of acceptable and unacceptable, right and wrong, fair and unfair, legal and illegal, and formal and informal.

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| **Updates to Senior Project: Sustainability theme** | Summer 2022 |

Course Title: Senior Project (ARCH 4981)

Department of Architecture, the American University in Cairo

Developed a new theme, cross cutting across the existing stream, that is focused on sustainability and future decarbonization.

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| **Updates to Thesis Dissertation** | Winter 2022 |

Course Title: Dissertation and theory (ARCH 4980)

Department of Architecture, the American University in Cairo

Updates includes suggestions for full schedule reform, new reading materials, and new training workshops.

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| **Updates to Sustainable Design Studio** | Winter 2022 |

Course Title: Sustainable Design Studio (ARCH 3554)

Department of Architecture, the American University in Cairo

Updates includes a new studio brief and direction, suggestions for full schedule reform, new reading materials and updates to software used.

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| **Updates to Design Studio** | Fall 2021 |

Course Title: Vertical Studio B (ARCH 4562)

Department of Architecture, the American University in Cairo

Updates includes suggestions for full schedule reform, new reading materials and a new studio brief

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| **Updates to Sustainable Design Studio** | Spring 2021 |

Course Title: Sustainable Design Studio (ARCH 3554)

Department of Architecture, the American University in Cairo

Updates includes suggestions for full schedule reform, new reading materials and a new studio brief

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| **Updates to Design Studio** | Spring 2021 |

Course Title: Vertical Studio B (ARCH 4562)

Department of Architecture, the American University in Cairo

Updates includes suggestions for full schedule reform, new reading materials and a new studio brief

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| **Development of an introduction to Sustainability (general core)** | Fall 2020 |

Course Title: Let’s Get Sustainable!

Core Courses Program, the American University in Cairo.

Course focused on delivering basic sustainability knowledge to freshmen students, while engaging them with life skills and sustainability challenges. Cross listed between Architecture and core.

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| **Updates to environmental design course** | Fall 2020 |

Course Title: Environmental Control System and Sustainable Design

Department of Architecture, the American University in Cairo

Updates includes suggestions for full schedule reform, new reading materials and updates to software used

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| **Development of elective in Sustainable design** | Fall 2020 |

Course Title: Designing for the Sustainable Development Goals

Department of Architecture, the American University in Cairo

Course is focused on allowing students to address ethical and humanitarian issues through design

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| **Field school co-development** | Fall 2019 |

Course Title: Detroit, Re-think, re-imagine, re-make – the future of the city (DART 448)

Department of Design and Computational Arts, Concordia University

Acted as the co-developer for an 18 students field school program for senior undergraduate and graduate students. Preparing and delivering course materials for 40 + students

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| **Collaborator in course update** | Spring 2017 & Spring 2019 |

Course Title: History and Theory of Sustainable Design (DART 263)

Department of Design and Computational Arts, Concordia University

Assisted and collaborated with the course instructor to design and update the tutorial to integrate contemporary aspects regarding the topic of the course.

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| **Collaborator in course design and syllabus update** | Fall 2016 |

Course Title: Building Engineering Drawing & Introduction to Design (BLDG 212)  
Building, Civil and Environmental Engineering Department, Concordia University  
Assisted and collaborated with the course instructor to design and update the course to integrate building information modelling and new pedagogical methods.

## Ongoing Research advising and supervision

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| **Thesis Supervisor – Engy El-Sayed (MASc)** | Fall 2023 - ongoing |

Sustainable development MASc program, AUC

Future sustainable teaching learning spaces

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| **Thesis Co-Supervisor – Ahmed Marey (PhD)** | Fall 2023 – ongoing |

Building Engineering, PhD program, Concordia University

Multi-Scenario Land Use and Land Cover (LULC) Change Projection and Climate change

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| **Thesis Supervisor – Mayar Omran (MASc)** | Fall 2023 – ongoing |

Sustainable development MASc program, AUC

Eco-tourism development in Egypt.

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| **Thesis Co-Supervisor – Rana Refaat (MASc)** | Fall 2021 - ongoing |

Architectural Engineering MASc program, Cairo University

Air infiltration in Egyptian Residential building stock

## Student research advising and supervision (completed)

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| **Thesis Main Supervisor – Farah Shokry (PhD)** | Fall 2021 – Spring 2024 |

Environmental Engineering PhD program, CENG - AUC

The effect of COVID instigated indoor air quality policy and guidelines on energy and comfort in educational buildings.

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| **Thesis Dissertation (ARCH 4801)** | Fall 2023 |

Department of Architecture, American University in Cairo

1. Defining the Role of Architectural Design in Social Engagement, **Dianne Harvey**
2. Investigating the Use of Mycelium Bio-Composites in Construction in Egypt: Assessment of Sugar Cane Bagasse and Wheat Straw as Substrates?, **Shahd AbdelAziz**
3. Explorations of Design Interventions to Protect Spatial Commons: Can Architecture Ensure The Continuity and Viability of Public Domains in The Built Environment?, **Kanzy Nabil**
4. Identifying Barriers to Circular Economy Applications in Egypt: A focused analysis and recommendationsfor Construction and Demolition Waste,  **Moahmed Metawa**

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| **Thesis Co-Supervisor – Ahmed Marey (MASc)** | Fall 2022 – Fall 2023 |

Building Engineering, MASc program, Concordia University

Multi-Scenario Land Use and Land Cover (LULC) Change Projection Framework Using Markov Chain and PLUS integrated Model.

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| **Thesis Co-Supervisor – Donna Ebeid (MASc)** | Spring 2022 – Spring 2023 |

Construction Engineering, MASc program, The American University in Cairo

Retrofitting Egyptian building envelope to adapt to climate change risks

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| **Advisor – Undergraduate research (Virginia Bassily)** | Summer 2021 - Spring 2023 |

Department of Architecture, AUC

Supervising and mentoring student in a mixed methods research project

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| **Visiting Scholar Co-Supervisor – Tjark Gall** | Fall 2022 |

Laboratoire de Genie Industriel, CentraleSupélec, Université Paris-Saclay

Exploring future scenarios of urban development & mobility

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| **Thesis Dissertation (ARCH 4801)** | Fall 2022 |

Department of Architecture, American University in Cairo

1. Analyzing the Preferences of Egyptian Youth for more Sustainable Food Experiences in Cairo’s Urban Centers. **Saja Shatat**
2. Understanding The Emotional Effects of Colored Glass in Built Spaces. **Laila Saleh**
3. The Public Perception of Heritage Buildings’ Adaptive Reuse in Egypt. **Moustafa Zahran**
4. Doing Good to the Environment: Individuals Positive Impact on the Environment as an Incentive for walking. **Heba El-Kammah**
5. Examining the Floral and natural influence on making “El-Khayamiya” Art in Egypt: past, present, and future. **Amgad Abdulgawad**

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| **Advisor – Undergraduate research (Rana Geith)** | Fall 2021 – Fall 2022 |

Department of Architecture, AUC

Supervising and mentoring 1 student (recent graduate) in a mixed methods research project

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| **Advisor – Undergraduate research (Mahmoud El Kady)** | Summer 2021 - Fall 2022 |

Department of Architecture, AUC

Supervising and mentoring 1 student (recent graduate) in a mixed methods research project in a project funded by AUC’s undergraduate research fund.

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| **Advisor – Undergraduate research grant (Ahmed Marey)** | Summer 2021 – Summer 2022 |

Department of Architecture, AUC

Supervising and mentoring 1 student (recent graduate) in a project funded by AUC’s undergraduate research fund.

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| **Advisor – Undergraduate research (Nadine Hani)** | Fall 2021 – Summer 2022 |

Department of Architecture, AUC

Supervising and mentoring 1 student (recent graduate) in a mixed methods research project

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| **Thesis Dissertation (ARCH 4801)** | Spring 2022 |

Department of Architecture, American University in Cairo

1. An “Emotional Inventory” For Natural Stones: Towards a regional red-sea construction identity in harmony with nature, **Nouran El Khattam**
2. The Impact of Nature on Migrant Women Artists’ Sense of Belonging in a Space: The Case of Ramses Wissa Wassef Art Center, **Alia Ghoneim**
3. The impact of light-source type on the cognitive loads of medical students in teaching hospitals, **Salma Ahmed**
4. Designing Urban Green Spaces: Comparison Between Design Intents and Users’ Perceptions of Overall Quality, **Salma ElZenouky**
5. Context-inspired colour schemes’ Role in indoor space comfort, **Sohaila Zoheiry**
6. Trauma-Induced Changes in the Perception of the Built Environment: Where can Architects Intervene?, **Salma Halawa**

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| **Thesis Dissertation (ARCH 4801)** | Fall 2021 |

Department of Architecture, American University in Cairo

Supervising and guiding 10 students:

1. Identifying best suited divergent and convergent creative thinking tasks for young adults in indoor and outdoor spaces **Ashrakat Nadim**
2. Young Entrepreneurs’ Furniture Configuration Preferences for Different Work Modes **Daniella Tinawi**
3. Feeling Safe in Egyptian Public Sports Facilities: Exploring Women's Spatial Design Needs **Dinah Harvey**
4. The acceptability of interactive digital technologies in museums in Egypt **Laila Kouta**
5. The creation of a social node: investigating spatial features of a space that enables socialization on university campuses **Mariam Ibrahim**
6. The Role of Furniture in Enhancing Social Interaction in New Cairo’s Cafes **Meiram Aly**
7. Effect of art co-creation on the engagement and connection of children with learning spaces **Nada El-Gabalawy**
8. The Effects of Ease of Access on the Attractiveness of Performing Art Centers to Youth – The Case from the Greater Cairo Region **Rama Mahmoud**
9. Evaluating the Effect of Daylight on enhancing Wellbeing of Athletic Complexes users **Yasmin El Soueni**
10. Assessing the effect of indoor and outdoor greenery on the productivity level of individuals in working environments **Zeina Riad**

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| **Thesis Dissertation (ARCH 4801)** | Spring 2021 |

Department of Architecture, American University in Cairo

1. The effect of the inclusion of natural elements in healthcare facilities' waiting room on teenagers' emotional responses: anxiety and enjoyment levels **Evait Labib**
2. Aligning Public Spaces With Young Adult Users **Ahmed Shafik**
3. Coffee Shops as "Third Places" for Students **Karen Youssef**

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| **Thesis Dissertation (ARCH 4801)** | Fall 2020 |

Department of Architecture, American University in Cairo

1. Healthy lighting and its impact on the concentration levels of young students, **Esraa Abd El Aal**
2. Between traditional and “flexible” learning spaces - balancing design approaches to suit the university context, **Salma Almasry**
3. Cultural Insights from Egyptian Youth on Palliative Care Design, **Sohaila Anous**
4. Criteria for designing Outdoor Space for Autistic People with Hypersensitivity in Egypt, **Menna Balboul**
5. The shifting urban role of buildings’ facade design: A diachronic analysis of Korba, **Virginia Bassily**
6. Investigating visually impaired needs in vertical circulation in educational facilities - case studies from Cairo, **Yasmine Etman**
7. Hardscape Elements as Activators of Commercial Spaces: Cases from Cairo, **Zeina abdel-Dayem**
8. The Effect of Wall Finishing Design and Colors on Young Adults’ Psychology: Self-Perceived Stress Levels, **Jala Gadallah**
9. Understanding Daylight Access of Online-School Learners at Home during COVID’19, Insights from Cairo, **Rana Geith**
10. Digital Art for Emotional Regulation in Public Spaces, **Ahmed Marey**
11. Participatory design methods – understanding what works in Cairo’s low-income context, **Antonios Younan**

## Student mentoring

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| **Vanier Scholarship Mentorship** | Spring 2021- Fall 2023 |

School of Graduate Studies, Concordia University

Supervising and mentoring 2 students per year for their application to the Vanier Scholarship, giving priorities to black, Indigenous and people of color (BIPOC) applicants.

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| **Future17 Global Challenge Mentor** | Spring 2023 |

QS Impact Global-UK, in Collaboration with Briink Intelligence GMBH-Germany

Co-supervising and co-mentoring a group of 10 international students in a challenge focused on Mapping the sustainable Finance universe.

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| **Student supervisor and mentor – 2 students** | Fall 2019 – Fall 2020 |

Department of Finance, Concordia University

Supervising and mentoring 1 master’s and 1 undergraduate student in various research projects

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| **INDI graduate mentor – 5 students** | Fall 2018 – Fall 2020 |

INDI Program, Concordia University

Part of the INDI mentorship initiative to familiarize new INDI students to Concordia and the program

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| **Scholarship applications mentor – 8 students** | Fall 2018 – Spring 2019 |

Ideas-be & LEAP, Concordia University and UdeM

Actively helping 5 graduate students in scholarship application writing

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| **Design supervisor – 2 students** | Fall 2017-Summer 2018 |

Center for Zero Energy Building Studies, Concordia University

Helping 2 students working across engineering and design.

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| **Student supervisor and mentor - 2 students** | Summer 2017 |

Department of Finance, Concordia University

Guided 2 undergraduates through the CUSRA program in preparing manuscripts for publication.

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| **Undergraduate research mentor – 1 student** | Summer 2017 |

IDEAS-BE, Concordia University

Guided an undergraduate student in the collecting and analyzing design project data.

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| **Independent design studies co-supervisor – 12 students** | Summer 2017 |

Department of Design and Computational Arts, Concordia University

I supervised and mentored design students who completed their independent study courses to work on the Solar Decathlon project. Student projects ranged from exhibition design to interior design and lighting. I also taught the students basic engineering and construction standards to ensure the applicability of their designs.

## Teaching projects

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| **Documenting Student Research and Dissertation** | Fall 2020 – Spring 2021 |

Department of Architecture, AUC

Supervising a student within the WSP to collect precedents, document successful examples and propose formats for documenting the research outcomes of undergraduate students in the Architecture Engineering Program.

## Design Juries and crits, and project review participation

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| **Design Competition Jury Member and jury facilitator** | Summer 2024 |

Institution: Dominican Institute for Oriental Studies

Theme: At the Junction of Cultures (interior design)

Role: Invited jury member

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| **Jury member for Design 5 (Machinic Phantoms)** | Spring 2024 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Machinic Phantoms

Role: Invited reviewer

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| **Jury member for Environmental Design & Technology Semester Review** | Spring 2024 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Advanced façade systems

Role: Invited reviewer

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| **Jury member for final crit and review –Vertical B design studio** | Spring 2024 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 8 students

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| **Jury member for final review – Design 2** | Spring 2024 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 10 students

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| **Jury member for final crit and review – Sustainable Landscaping** | Spring 2024 |

Institution: Architecture, German University in Egypt (GUC), Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for Environmental Design & Technology Semester Review** | Winter 2024 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Advanced façade systems

Role: Invited reviewer

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| **Jury member for Design 4 Final Semester Review** | Winter 2024 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Green and inclusive social housing

Role: Invited reviewer

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| **Jury member for final review – Design 2** | Fall 2023 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for Design 4 Final Semester Review** | Summer 2023 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Egypt’s new Geological Museum in Ein El Sira

Role: Invited reviewer

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| **Jury member for final crit and review – Graduation Project 1** | Spring 2023 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Design workshop mediator and Jury member for final review – Design 2** | Spring 2023 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 8 students

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| **Jury member for pre-final crit and review – Design 1** | Spring 2023 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 10 students

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| **Jury member for pre-final crit and review – Graduation Project 1** | Spring 2023 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for Design 3 Final Semester Review** | Spring 2022 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Rethinking 15th of May bridge as a youth hub

Role: Invited reviewer

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| **Jury member for final crit and review –Vertical B design studio** | Spring 2022 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for pre-final crit and review – Graduation Project 2** | Spring 2022 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member at M.Arch Final Semester Review** | Fall 2021 |

Institution: Queen’s University Belfast, Northern Ireland

Theme: The future of heritage utopias in the UK

Role: Invited reviewer

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| **Jury member for Design 3 Final Semester Review** | Fall 2021 |

Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village

Theme: Primary school for students with disabilities

Role: Invited reviewer

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| **Jury member for M.Arch Pre-Final Semester Review** | Fall 2021 |

Institution: Queen’s University Belfast, Northern Ireland

Theme: The future of heritage utopias in the UK

Role: Invited reviewer

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| **Jury member for pre-final crit and review – Graduation Project 2** | Fall 2021 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for stage 2 crit and review – Graduation research 1** | Fall 2021 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 10 students

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| **Jury member for final crit and review –Vertical A design studio** | Spring 2021 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for final crit and review – Design studio 2** | Spring 2021 |

Institution: Architecture, The American University in Cairo, Egypt

Theme: Thinking Big- Building Small (“Made in Egypt: the Global Village”)

Role: Invited reviewer and juror for 8 students

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| **Jury member for pre-final crit and review – Graduation Design Project** | Spring 2021 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 8 students

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| **Jury member for final crit and review – Design 2** | Winter 2021 |

Institution: Arab Academy for Science & Technology & Maritime Transport (AAST)

Role: Invited reviewer and juror for 7 students

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| **Jury member for final crit and review – Graduation research 1** | Fall 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 8 students

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| **Jury member for final crit and review – Design studio 2** | Fall 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Theme: Thinking Big- Building Small (“Made in Egypt: the Global Village”)

Role: Invited reviewer and juror for 5 students

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| **Jury member for final crit and review – Graduation Design Project** | Fall 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 5 students

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| **Jury member at M.Arch Final Semester Review** | Fall 2020 |

Institution: Queen’s University Belfast, Northern Ireland

Theme: Future Cities: Networked Intelligent Region

Role: Invited reviewer

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| **Jury member for pre-final crit and review – Graduation Design Project** | Fall 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 students

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| **Jury member for pre-final crit and review – Graduation research** | Fall 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 11 students

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| **Jury member for final crit and review – Sustainable design** | Summer 2020 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 12 students

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| **Jury member at the 2018 Thesis project crit and review** | 2018 |

Institution: Modern Sciences and Arts University, Egypt

Role: Invited reviewer and juror for 8 students in the final bachelor’s thesis project presentation and crit. Provided students with technical and architectural comments as well as a formal evaluation.

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| **Jury member at the 2018 Design 5 project crit and review** | 2018 |

Institution: Architecture, The American University in Cairo, Egypt

Role: Invited reviewer and juror for 6 groups (each composed of 6 students) in Design 5 contextual design studio. Provided students with technical and architectural comments as well as a formal evaluation.

## Academic Examination activities

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| **Chair of MSc Thesis Proposal Seminar** | May 2024 |

Candidate: Nermeen Bekhiet

Title: Nature-Based Education as a Learning Tool: Unleashing the Power of Nature-based Education in Egyptian Primary Schools

Program: Department of Architecture, The American University in Cairo

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| **Chair of MSc Thesis Proposal Seminar** | May 2024 |

Candidate: Saba AbouYoussef

Title: Streets as Social Forums: Understanding Urban Dynamics through People-Policy Interplays

Program: Department of Architecture, The American University in Cairo

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| **Facilitator and chair of MSc Thesis Defense** | January 2024 |

Candidate: Maram Gamal

Title: Language and Power: A Critical Discourse Analysis of Egypt’s Social Housing Narratives

Committee: Dr. Amr AbdelKawi, Dr. Dalia Wahdan, and Dr.May El Ibrashy

Program: Department of Architecture, The American University in Cairo

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| **Reviewer and chair of MSc Thesis Proposal Seminar** | December 2023 |

Candidate: Mahinour Awad

Title: Undoing the obstacle: Embodiments of the gaze and its provocations in architectural space

Program: Department of Architecture, The American University in Cairo

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| **Reviewer and chair of MSc Thesis Proposal Seminar** | December 2023 |

Candidate: Ala’a Marwan

Title: Deciphering the Puzzle of Residential Property Demand and Occupancy in New Cairo

Program: Department of Architecture, The American University in Cairo

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| **Chair of MSc Thesis Proposal Seminar** | December 2023 |

Candidate: Samar Green

Title: Reconfiguring Syrian places as possibilities of integration at Cairo's desert Edges

Program: Department of Architecture, The American University in Cairo

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| **Chair of MSc Thesis Proposal Seminar** | September 2023 |

Candidate: Maram Gamal

Title: Language and Power: A Critical Discourse Analysis of Egypt’s Social Housing Narratives

Program: Department of Architecture, The American University in Cairo

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| **Chair of MSc Thesis Proposal Seminar** | September 2023 |

Candidate: Mohamed ElAraby

Title: Algo-Weaving: Craftsmanship Informed Generative Systems through Ethno-Computation

Program: Department of Architecture, The American University in Cairo

## Academic publication support activities

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| **International advisory board member** | 2023 - present |

Journal: Journal of Urban Futures

Publisher: World Scientific Publishing

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| **Executive editorial board member** | 2023 - present |

Journal: Environmental Research: Energy

Publisher: IOP Publishing

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| **Co-Guest Editor – Special Issue** | 2024 |

Title: Data-Driven Urban Dynamics: Sustainable Urbanization and Mobility in Peripheral Areas

With: Nabil Mohareb

Journal: Frontiers in Built Environment

Publisher: Frontiers

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| **Member of the international scientific committee** | August 2021-July 2022 |

Conference: Conference on Building Energy and Environment (COBEE) 2022

Location: Montreal, Canada

Scientific chair: Leon Wang, Concordia University. Canada

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| **Member of the academic committee and reviewer** | Spring 2018 |

Conference: Individualized and Connected: Research that Makes a Difference - Concordia University - March 29th, 2018

Role: Member of the academic committee and academic reviewer. Reviewed 12 submissions including presentations, posters, and installations.

## Academic Review activities

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| **Permanent reviewer for academic books and monographs** | 2024 - present |

Publisher: Springer-Nature (Palgrave and other imprints).

Role: Reviewed a total of 2 book proposals.

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| **Reviewer for an academic journal** | 2024 - present |

Journal: Urban Climate.

Role: Reviewed a total of 2 paper.

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| **Reviewer for an academic journal** | 2024 - present |

Journal: World Development Sustainability.

Role: Reviewed a total of 1 paper.

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| **Reviewer for an academic journal** | 2023 - present |

Journal: Journal of Engineering and Applied Science

Role: Reviewed a total of 2 papers.

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| **Reviewer for an academic journal** | 2022 - present |

Journal: Journal of Engineering, Construction and Architectural Management

Role: Reviewed a total of 6 papers.

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| **Reviewer for an academic journal** | 2021-present |

Journal: Journal of Asian Architecture and Building Engineering

Role: Reviewed a total of 10 papers.

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| **Reviewer for an academic journal** | 2021-present |

Journal: World

Role: Reviewed a total of 2 papers.

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| **Reviewer for an academic journal** | 2021-present |

Journal: International Journal of Ambient Energy

Papers: Reviewed a total of 1 paper

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| **Reviewer for an academic journal** | 2021-present |

Journal: International Journal of Environmental Research and Public Health

Papers: Reviewed a total of 2 paper.

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| **Reviewer for an academic journal** | 2021-present |

Journal: Real Estate Management and Valuation

Papers: Reviewed a total of 2 paper.

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| **Reviewer for an academic journal** | 2020-present |

Journal: Sustainability

Papers: Reviewed a total of 6 papers.

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| **Reviewer for an academic journal** | 2019- present |

Journal: Social Semiotics

Papers: Reviewed a total of 2 papers.

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| **Reviewer for an academic journal** | 2019- present |

Journal: Journal of Sustainability Research

Papers: Reviewed a total of 3 papers

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| **Reviewer for an academic journal** | 2018- present |

Journal: Cities

Papers: Reviewed a total of 2 papers.

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| **Reviewer for an academic journal** | 2018- present |

Journal: Building research & information

Papers: Reviewed a total of 4 papers.

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| **Reviewer for an academic conference** | Winter 2022 |

Conference: EDRA53 Greenville: Health in all design

Role: Reviewed 6 submissions.

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| **Reviewer for an academic conference** | Fall 2021 |

Conference: Conference on Building Energy and Environment (COBEE) 2022

Role: Reviewed 8 submissions.

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| **Reviewer for an academic conference** | Spring 2018 |

Conference: The Environmental Design Research Association (EDRA 50). Brooklyn, NY – May 22nd, 2019.

Role: Reviewed 7 submissions including presentations, full papers, and posters.

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| **Reviewer for an edited book** | Fall 2018 |

Book: Facilitating sustainable development through creative approaches – integrating arts, technology, and management perspectives. (Organizations in Action Book Series)

Editors: Mnisri, K.; Guimaraes da Costa, N.; Shrivastava, P.; Hüsig, S.; & Schulz, K.P.

Publisher: PUN - University of Lorraine Press. Lorraine, France.

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| **Reviewer for an edited book** | Winter 2017 – Summer 2017 |

Book: Sustainable Real Estate: Multidisciplinary Approaches to an Evolving System

Editors: Walker, T.; Krosinsky, C.; Hasan, L. N.; Kibsey, Stefanie D.

Role: Reviewer for chapters regarding building performance assessment and sustainable construction

Publisher: Palgrave Macmillan. Basingstoke, UK.

## Academic advising

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| **Advising for Winter/Spring 2023 (24 UG student and 8 MSc)** | **Fall 2023** |
| **Advising for Summer/Fall 2023 (28 UG student and 5 MSc)** | **Spring 2023** |
| **Advising for Winter/Spring 2023 (26 student)** | **Fall 2022** |
| **Advising for Summer/Fall 2022 (28 student)** | **Spring 2022** |
| **Advising for Winter/Spring 2022 (28 student)** | **Fall 2021** |
| **Advising for Summer/Fall 2021 (21 student)** | **Spring 2021** |
| **Advising for Winter/Spring 2021 (22 student)** | **Fall 2020** |

## Applied research project involvement

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| **AUC’s Team Ossis – 2020 Solar Decathlon Middle East** | Spring 2021 – Summer 2021 |

**Title:** Communication and Media faculty lead

Supervising the communication and media team in their project related work for AUC’s team (Team OASIS) 2020 Solar Decathlon Middle East’s.

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| **AUC – 2020 Solar Decathlon Middle East** | Fall 2020 - Spring 2021 |

**Title:** Architecture faculty team member

Part of the architecture faculty team for AUC’s team (Team OASIS) 2020 Solar Decathlon Middle East’s submission. Assisting the team in the design and knowledge sharing from previous experience in the China Decathlon competition.

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| **MTL Team– 2017 Solar Decathlon China** | Fall 2016 – Spring 2018 |

**Title:** Building Engineering & Architecture coordinator

Assisting in the research, documentation and coordination for the work relating to the Solar Decathlon China Project for Team MTL (McGill - Concordia). Managing engineering and fine arts students.

## Conferences, events, and exhibition organization

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| **Design Competition coordinator** | February 2024-November 2024 |

**At the Junction of Cultures (Idéo)**

Engaged Sustainable Futures (ESF), in collaboration with the Architecture Association and the Dominican Institute of Oriental Studies

Designed, coordinated and supervised the work on an architectural student competition for the redesign of interior spaces in the historical priory of the Dominican Institute of Oriental Studies

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| **Seminar Organizer,** | May 2024 |

**The Many Cities of Cairo**

Engaged Sustainable Futures (ESF), NextArchLab, The Architecture Alumni Association, ESSEC Business School (France) and The Department of Architecture, The American University in Cairo

Full day event where Egyptian scholars and practitioners are joined by faculty and students from ESSEC school on their study visit to Cairo to discuss the many characters and contrasts seen in the city of Cairo.

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| **International Workshop, Design Charette and Symposium co-creator** | February 2024 |

**Future Possibility: Design Futures for Global Challenges**

The University of Salford, Manchester school of Architecture, The American University in Cairo (AUC)

Funded by UKRI (Research England) and The University of Salford

A 3 day workshop at Salford, followed by a symposium focused on developing future skills for students to help them address future climate and sustainability challenges in urban environments.

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| **Co-Organizer and Moderated Invited Talk** | February 2024 |

**Architecture ‘Ezay’? 1.0 – Environmental Technologies to Empower the Unseen (Dr. Tarek Rakha)**

Next Arch Lab and Engaged Sustainable Futures (ESF) - The American University in Cairo (AUC)

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| **Co-Organizer Round Table Discussion** | November 2022 |

**Leading future cities design:-the role of women designers – Prof. Carmela Cucuzzella**

Engaged Sustainable Futures (ESF) - The American University in Cairo (AUC)

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| **Co-Organizer Public Lecture** | November 2022 |

**Future Cities and Integrated Design of Sustainable Development – Prof. Carmela Cucuzzella**

Engaged Sustainable Futures (ESF) - The American University in Cairo (AUC)

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| **Workshop facilitator and co-developer** | September 2022 |

**The Climate Resilience of Micro, Small and Medium Industrial Workplaces in Egypt (CRESMI)**

University College London (UCL) and The American University in Cairo (AUC)

A 1 day workshop at UCL which brought together 30 participants and experts from the UK and Egypt to review the outcomes of the challenge prizes and grants given to joint UK-EG researchers, that were challenged with exploring way for retrofitting Egypt’s MSM industrial workplaces to mitigate the impacts of climate change and create a healthy environment for workers.

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| **Urban and Real Estate Development in Cairo - Past, Present and Future** | May 2022 |

Hybrid seminar inviting more than 9 speakers for a visiting group composed of 30 students from ESSEC France. Seminar attended by Deans, Chairs and more than 40 participants onsite, and 20 online.

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| **Building Envelope Training, in Collaboration with Rockwool France** | Spring, to Fall 2022 |

Collaborated with Rockwool France to organize a hybrid training composed of 2 sessions. Over 100 participants attended the sessions.

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| **Book Launch: Sustainable Architecture – Between Measurement and Meaning** | November 2021 |

Launch for the edited book: “Sustainable Architecture – Between Measurement and Meaning (Book Launch meeting)”

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| **Book Launch (Montreal)** | September 2021 |

Launch for the guide: “Réinventer l’attente du bus : Principes de conception pour les espaces environnant des abribus | Reimagining waiting for the bus: Design principles for spaces surrounding bus shelters”

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| **Workshop facilitator and co-developer** | June 2021 |

The Climate Resilience of Micro, Small and Medium Industrial Workplaces in Egypt (CRESMI)

University College London (UCL) and The American University in Cairo (AUC)

A 3 days online workshop that brought together 30 participants and experts from the UK and Egypt to study the ways to address the challenge of retrofitting Egypt’s MSM industrial workplaces to mitigate the impacts of climate change and create a healthy environment for workers.

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| **Workshop series coordinator** | April 2018 – September 2020 |

**Interdisciplinary Research 5a7**

Graduate Individualized Student Association (GISA**) -** Concordia University

Interactive research events: 5 events held at Concordia with 8 presenters, attracting more than more 60 attendees.

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| **Exhibition coordinator** | February 2019 |

**CoLLaboratoire Solar Shelter Competition Exhibition** – 4TH SPACE, Concordia University

Part of the introduction and launch of the Concordia University Cities research cluster

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| **Seminar coordinator** | April 2018 |

**LEAP annual seminar – On didacticism in architecture** - Concordia University

More than 60 attendees for the interinstitutional research laboratory

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| **Design Competition coordinator** | December 2016 – August 2017 |

“More than Waiting for the Bus” Design competition

Climate Change Awareness Project, Collaboratoire (Ideas-be) - Concordia University

In collaboration with UdeM, ILEAU and CRE Montreal.

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| **Event and exhibition coordinator** | June 2017 |

**CoLLaboratoire Solar Shelter Competition Exhibition** – Loyola Campus, Concordia University

More than 50 attendees for the launch of a 1-month outdoor solar powered exhibition

## Conferences and events participation

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| **Invited participant in seminar** | July 2024 |

Launching of the Egyptian guideline for the design of green hospitals and healthcare units

Housing Building Research Center (HBRC) – Giza, Egypt

An event attended by government officials, including ministers of health and housing, and researchers for the launch and introduction of the new guidelines and rating system.

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| **Invited participant in multi-day retreat** | September 2022 |

“What If Real Estate Accelerates a Green Transition?”: AUC Innovation Hub & New Silk Roads (Hivos)

This Futures Lab was attended by an esteemed group of business leaders, investors, architects, policymakers, urban planners and researchers. Together, they used futures thinking and scenario planning to explore multiple possible futures for the Egyptian real estate sector and how the sector can adapt to the realities of climate change. Stay tuned for more about the Lab and how the real estate sector can contribute to creating healthier environments and societies. This Lab was hosted in partnership with Hivos and the Dutch Ministry of Foreign Affairs.

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| **Moderator** | October 2021 |

MTL-Connect – Montreal Digital Spring

This international event aims to look across the board at the main questions related to digital development, focusing on its economic, social, cultural and environmental impacts in various sectors of activity.

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| **Faculty participant** | April 2021 |

Annual SSE Undergraduate Meeting 2021 Empowering Excellence, The School of Sciences and Engineering, The American University in Cairo.

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| **Note taker** | November 2019 |

The 4th Workshop on Sustainable Development Performance Indicators, United Nations Research Institute for Social Development (UNRISD)

This workshop included expert academics and practitioners from around the globe (UK, US, Canada, and Korea). The event aimed at exploring, discussing and summarizing a global universal transformational indicator for the sustainable development goals (SDGs). The workshop specifically focused on the social and solidarity economy and the private for-profit sectors.

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| **Doctorate participant and questions moderator** | June 2017 |

Annual Seminar, Laboratoire d’Étude de l’Architecture Potentielle

Entre hétéronomie et autonomie : Penser l’architecture entre discipline et profession/Between heteronomy and autonomy: Thinking architecture in between discipline and profession.

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| **Student participant and note taker** | August 2015 |

Smart Net-Zero Resilient Buildings and Communities CZEBS-iiSBE-APEC 2015 Symposium

This international symposium consisting of two workshops brought together Canadian, iiSBE, and APEC experts to discuss challenges and opportunities for the design of Smart Resilient Net-Zero Energy Buildings and Communities of the Future.

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| **Student participant and note taker** | May 2015 |

Experts Research Forum on Intelligent Buildings

This forum was organized by the National Resources Canada (in collaboration with Concordia and the Center for Zero Energy Building Studies) to discuss the state-of-the-art in “Intelligent Building”.

## Research assistantship

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| **Research assistant** (Chaire de recherche du Canada en architecture, concours et médiations de l’excellence) | September 2019 – September 2020 |

CRC ACME, Universite de Montreal

Research network development assistance.

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| **Research assistant** (Eco-didactic architecture) | June 2018 - September 2020 |

Ideas-be - CoLLaboratoire, Concordia University

Analyzing eco-didactic art and architecture under SSHRC funded project.

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| **Researcher and designer** (public transit and public spaces) | June 2018 - September 2020 |

Ideas-be - CoLLaboratoire, Concordia University

Developing tools and guides to help in the design of public spaces surrounding bus stops in Montreal (in collaboration with CRE Montreal).

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| **Research assistant** | February 2017 - September 2020 |

Laboratoire d’étude de l’architecture potentielle (LEAP), Universite de Montreal

Analyzing awarded architecture and awards of excellence in architecture under SSHRC funded project

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| **Book projects coordinator** | December 2016 - September 2020 |

Ideas-be, Concordia University

In collaboration with Dr. Cucuzzella, developing the topics of a series book relating to sustainability, preparing the proposal, recruiting contributors and contacting publishers. The work includes disseminating calls, reviewing tasks and managing the submissions.

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| **Book projects coordinator** | November 2016 - September 2020 |

Department of Finance, Concordia University

Responsible for and managing a book project initiated by Dr. Walker. Including the preparation of draft for proposal and calls, contacting, and working with publishers, disseminating calls and review of submissions.

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| **Design competition design assistant** | October 2016 - September 2020 |

Ideas-be - CoLLaboratoire, Concordia University

Assisting in the coordination, design and launch of design competitions organized by the research chair.

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| **Lead research assistant** | September 2016 - September 2020 |

Sam and Diana Scalia Sustainable Real Estate and Built Environment Program, Concordia University

Researching and publishing on the topic of sustainable real-estate – including construction materials and zoning.

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| **Research assistant** (architecture competitions and awards) | February 2016 - September 2020 |

Department of Design and Computational Arts, Concordia University

Assisting Dr. Cucuzzella in the analysis of architectural competitions.

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| **Research assistant** | September 2016 - September 2020 |

Building Engineering Department, Concordia University

Assisting Dr. Bruno Lee in research development.

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| **Research assistant** | September 2019 – November 2019 |

School of Community & Public Affairs, Concordia University

Assisting Dr. Margie Mendell in research on universal indicators for the sustainable development goals (SDGs).

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| **Designer (**Batiment 7) | October 2018 – February 2019 |

Ideas-be - CoLLaboratoire, Concordia University

Assisting in the development and assessment of design for the surrounding areas of Batiment 7 in Pointe-Saint-Charles

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| **Designer (**UQROP) | July 2018 – July 2019 |

Design and engineering (CZEBS), Concordia University

Assisting in the development and assessment of design for a new birds of prey interpretation center

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| **Designer (**Lafontaine Tunnel Project) | October 2017 – August 2018 |

Design and engineering, Concordia University

Assisting in the development of design strategies for the major renovation project.

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| **Grant writing assistant** | May 2017 - January 2018 |

Ideas-be - CoLLaboratoire, Concordia University

Assisting in the development of research strategies and the preparation, writing and review of grant proposals for government and international research funds.

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| **Grant writing assistant** | January 2017 - August 2018 |

David O’Brien Centre for Sustainable Enterprise (DOCSE), Concordia University

Assisting in the development of research strategies and the preparation, writing and review of grant proposals for government and international research funds.

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| **Solar Decathlon project coordinator** | April 2016 – August 2018 |

Centre for Zero Energy Building Studies (CZEBS), Concordia University

Assisting in the research, documentation and coordination for the work relating to the Solar Decathlon China Project for Team MTL (McGill - Concordia). Managing engineering and fine arts students.

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| **Experiment and laboratory equipment developer** | September 2014 – August 2016 |

Centre for Zero Energy Building Studies (CZEBS), Concordia University

Assisting Dr. Wang in the design and running of experiments, and publishing results.

## Teaching assistantship

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| **Teaching assistant (lead tutor)** | Spring 2017 & Spring 2019 |

Course Title: History and Theory of Sustainable Design (DART 263)

Department of Design and Computational Arts, Concordia University

Teaching and supervising students in the studio based sustainable design tutorial.

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| **Graduate studio teaching collaborator** | Spring 2017 |

Critical Spatial/Experiential Public Space Design (DART 632)  
Department of Design and Computational Arts, Concordia University

Assisting in teaching and feedback in topics related to urban design and sustainability, participating in design crits

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| **Teaching assistant (lead tutor)** | Fall 2016 |

Course Title: Building Engineering Drawing & Introduction to Design (BLDG 212)  
Building, Civil and Environmental Engineering Department, Concordia University

Leading the tutors’ team in teaching computer-aided design and building information modelling.

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| **Teaching assistant (lead tutor)** | Fall 2015 & Fall 2016 |

Course Title: Civil Engineering Drawing (CIVI 212)

Building, Civil and Environmental Engineering Department, Concordia University

Leading the tutors’ team in teaching computer-aided design.

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| **Undergraduate tutor** | September 2012 – June 2014 |

Construction and Architecture Engineering Department, American University in Cairo

Assisting in the studio organization, teaching, grading and student project review the undergraduate studio-based courses.

Course Titles:

Details and Construction Drawings Fall 2013 & Spring 2014

Studio Housing Design Studio Fall 2013 & Spring 2014

Urban Design and Landscape Architecture Studio Spring 2013 & Spring 2014

Human Aspects in Design Fall 2012 & Fall 2013

# Personal and academic development

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| **Participant –**Canva assignments and grading | Summer 2024 |

Workshop focused on introducing Canva tools for creating assignments and managing grades, for courses.

Center for Teaching and Learning – American University in Cairo

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| **Participant –** Introduction to Canva | Summer 2024 |

Workshop focused on introducing Canva to faculty to help the transition from Blackboard

Center for Teaching and Learning – American University in Cairo

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| **Participant –** Critical AI Literacies with the AI Pedagogy Project | Fall 2024 |

Concrete ideas for educators and others who want to meet this moment creatively and critically.

Center for Teaching and Learning – American University in Cairo

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| **Participant –** Ten Ways To Try AI in Your Classroom Right Now with Jon Ippolito | Fall 2024 |

A hands-on workshop that offered practice in 10 AI-assisted techniques for enhancing learning and other tasks.

Center for Teaching and Learning – American University in Cairo

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| **Participant (certificate) –** Online CITI Training | Summer 2023 |

Social & Behavioral Research Training.

Collaborative Institutional Training Initiative (CITI Program)

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| **Participant (certificate) –** Online CITI Training | Summer 2023 |

Students and Instructors.

Collaborative Institutional Training Initiative (CITI Program)

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| **Participant –** Living Future Accreditation General Course Curriculum | Spring 2023 |

Living Future Accreditation (LFA) is the professional credential that recognizes proficiency in the world’s most ambitious, advanced, and holistic sustainable design standards.

International Living Future Institute

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| **Participant –** Artificial Intelligence and its impact on Assessment & Academic Integrity | Winter 2022 |

Ahead of the Artificial Intelligence and Its Impact on Academic Integrity & Assessment workshop.

Center for Teaching and Learning – American University in Cairo

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| **Course audit -** Anthropology of Food (ANTH 3305) | Spring 2023 |

Aiming to expand my knowledge on the cultural and heritage dimensions of food, and the methods to approach human-centric research related to food and nutrition.   
The American University in Cairo - Dr. Gwyneth Talley

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| **Participant -** Core competition design workshop | Fall 2022 |

One day event focused on developing new core courses related to climate change.

Center for Teaching and Learning – American University in Cairo

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| **Participant –** Living Future Accreditation Foundational Curriculum | Summer 2022 |

Living Future Accreditation (LFA) is the professional credential that recognizes proficiency in the world’s most ambitious, advanced, and holistic sustainable design standards.

International Living Future Institute

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| **Participant -** CLT Anniversary Design The Future Summer Event | Summer 2022 |

Multi-day event focused on imagining the Center for Teaching and Learning’s next stage of transformation, growth and continued service to AUC faculty and students

Center for Teaching and Learning – American University in Cairo

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| **Participant -** Making Group-Work "Work" in Your Courses – 3 Sessions | Spring 2022 |

Explores the different ways in which group work can be designed and assessed to ensure all students participate and achieve learning outcomes.

Center for Teaching and Learning – American University in Cairo

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| **Participant -** Knowledge Dissemination in Architecture and Design Research | Winter 2021 |

Training on the different approaches for disseminating new knowledge in architecture and design research, as well as current measures of impact for published works.

Texas Tech College of Architecture

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| **Participant -** Writing a High-Quality Research Proposal | Winter 2021 |

Summarizing tips and recommendations for writing good research proposal (for the Spencer Foundation and Beyond)

Office of Sponsored Programs – American University in Cairo

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| **Participant (certificate) -** Online Summer Institute - Preparing for Fall 2020 | Fall 2020 |

Helping faculty develop and update their courses for the online teaching in Fall 2020.

Center for Teaching and Learning – American University in Cairo

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| **Participant (certificate) -** The Rise of ESG Investing Program | Summer 2019 |

The Rise of ESG Investing is a two-and-a-half-day program which focuses on best practices and   
the latest developments in sustainable investing.   
Concordia University - Directed by Amr Addas, Stephen Kibsey and Cary Krosinsky

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| **Participant -** Concordia Interdisciplinary Summer Institute: Sustainable Futures | Summer 2017 |

A one week 3 credits intensive course on the topic of sustainable futures. More than 7 invited lecturers.   
Assessed on a presentation and 8000 words paper.   
Concordia University - Directed by Dr. Peter Stoett

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| **Course audit -** Energy Sources - Conventional & Renewable | Spring 2017 |

Aiming to expand my knowledge on the technical aspects relating to types of energy of building projects and their basic environmental impacts.   
Concordia University - Dr. Bruno Lee

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| **Course audit -** Seminar: Méthodologie de la Recherche Architecturale | Spring 2017 |

Aiming to broaden my knowledge in research methods specific to the architectural field.   
Université de Montreal - Dr. Jean-Pierre Chupin

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| **Course audit -** Real Estate Finance | Fall 2016 |

Aiming to strengthen my knowledge in the formal real estate market in North America.  
Concordia University - Dr. Tingyu Zhou

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| **Participant (certificate) -** Graduate Seminar in University Teaching | Summer 2016 |

This seminar series in university teaching prepares graduate students for an academic teaching career.   
The estimated time commitment is 32 hours in class.

Concordia University - GradPro Skills.

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| **Course audit -** Sustainable Business Strategy | Spring 2016 |

Aiming to expand my understanding of sustainability in the business context.

This course helped me formulate some of the ideas that shaped my research for my doctorate degree.

Concordia University - Dr. Raymond Paquin

# Service and community experience

## Advising, services and consulting

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| **Faculty Advisor** | 2023-2024 |

Enactus – The American University in Cairo

Supporting the Enactus AUC student activity and providing guidance to their activity. Working with the members of the student activity in planning sustainability related activities and initiatives.

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| **Faculty Advisor** | 2023-2024 |

The Architecture Association (AA)– The American University in Cairo

Supporting the AA student association and providing guidance to their activity. Working with the members of the in-planning activities and initiatives

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| **Interviewer for Grant** | Spring 2024 |

USDAID Egypt Pioneers Program – USAID and the American University in Cairo

Part of the interview panel for the selection of candidates for the Egypt Pioneers program. Conducted interviews for professional researchers applying for Post-Doc Opportunities in the US.

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| **SSE THE Impact Ranking advisor** | 2021-2023 |

School of Sciences and Engineering – The American University in Cairo

Supporting the SSE to compile and complete the submission requirements for the THE Impact ranking of universities. Working with the Associate Dean Research and other faculty to prepare and review the submission.

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| **Faculty Mentor** | Fall 2022 – Spring 2022 |

Department of Architecture – The American University in Cairo

Supporting new faculty members, Dr. Mariam AbdelAzim, in their integration at AUC.

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| **Faculty Advisor** | 2022-2023 |

Enactus – The American University in Cairo

Supporting the Enactus AUC student activity and providing guidance to their activity. Working with the members of the student activity in planning sustainability related activities and initiatives.

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| **Faculty Advisor** | 2022-2023 |

The Architecture Association (AA)– The American University in Cairo

Supporting the AA student association and providing guidance to their activity. Working with the members of the in-planning activities and initiatives

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| **Dual Delivery Classroom Consultant** | October 2021 |

Associate Provost for Transformative Learning and Teaching – The American University in Cairo

Supporting the associate provost and the vice-president operation offices in testing dual delivery classrooms and recommending improvements for optimizing students’ digital dual delivery experience.

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| **Participant – Round table discussion for Environmental Engineering graduate program** | September 2021 |

School of Sciences and Engineering– The American University in Cairo

Participated in a round table where the challenges and future of the environmental engineering program at the school was discussed. Also acted at the minute keeper for the one-day event.

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| **Faculty Advisor** | 2021-2022 |

Enactus – The American University in Cairo

Supporting the Enactus AUC student activity and providing guidance to their activity. Working with the members of the student activity in planning sustainability related activities and initiatives.

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| **Faculty Advisor** | 2021-2022 |

The Architecture Association (AA)– The American University in Cairo

Supporting the AA student association and providing guidance to their activity. Working with the members of the in-planning activities and initiatives.

## Membership and representation on committees

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| **Committee Member** | June 2024 – Present |

Student Petitions’ review committee

Department of Architecture – The American University in Cairo

Review, assess, and resolve petitions and complaints submitted by ARCH student.

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| **Special Task Force Committee Member** | February 2024 – Present |

Urban Studies and smart Cities, and Global Architecture Program Development

The Office of the President - The American University in Cairo

Tasked the development of Graduate program in Urban Studies and smart cities and a global Architecture Program.

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| **Committee Chair** | September 2023 - Present |

Graduate Program Steering Committee

Department of Architecture – The American University in Cairo

Coordinate graduate studies, advising, class requirements, communication for interdisciplinary classes, thesis supervision requirements, funding activities.

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| **Committee Member** | May 2023 – Present |

Teaching Assistant Quality Assurance Committee

Department of Architecture – The American University in Cairo

Help establish guidelines and procedures to ensure the continued assessment and quality assurance of TAs in the department..

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| **Committee Chair** | April 2022 – Present |

Internationalization Committee

School of Sciences and Engineering, The American University in Cairo

Chairing and leading the effort to develop and implement an internationalization strategy for SSE.

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| **Member and committee member** | December 2021 – Present |

The Egyptian Facility Management Association (EGYFMA)

A member in the association and an active member on the education, research, and training committee.

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| **Member and volunteer reviewer** | September 2021 – Present |

Impact assessment (THE) committee, School of Sciences and Engineering – The American University in Cairo

Assist in the collection and analysis of data related to the SDGs university ranking for the school

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| **Committee Member** | July 2020 – Present |

Faculty Services Committee

The American University in Cairo

Supporting and offering assistance to all faculty members, and planning community building activities for AUC faculty.

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| **Committee Member** | July 2020 – Present |

Carbon Footprint Committee

Office of Sustainability – The American University in Cairo

Prepare, review and analyze Carbon Footprint data for AUC

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| **Committee Member** | July 2020 – Present |

Strategic Planning & Academic Assessment Committee

Department of Architecture – The American University in Cairo

Prepare and follow-up with the strategic plan of the Department, confirm and follow-up on KPIs, solicit and develop ideas from all members of the department.

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| **Committee Member** | July 2020 – Present |

Grants & Research Committee

Department of Architecture – The American University in Cairo

Develop a mechanism for grant applications and research strategy for the department, develop minimum thresholds and follow-up means, develop ties to industry and within AUC for research outreach and visibility.

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| **Committee Member** | July 2020 – Present |

Webpage & Advertisement, Social Media Committee

Department of Architecture – The American University in Cairo

Update, prepare and develop a strategy for continuous announcements of activities and increase exposure of department.

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| **Committee Member** | July 2020 – Present |

Aptitude Test Committee

Department of Architecture – The American University in Cairo

Develop and update bank of questions, conduct and monitor and evaluate Aptitude test.

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| **Committee Member** | June 2024 – Present |

Student Petitions’ review committee

Department of Architecture – The American University in Cairo

Review, assess, and resolve petitions and complaints submitted by ARCH student.

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| **Task Force Member** | October 2022 – January 2024 |

Zero-Carbon Task Force

The American University in Cairo

A member of the task force created to develop the strategy for the Race to Zero Campaign.

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| **Committee Member** | September 2023 – June 2024 |

Program Restructuring Committee

Department of Architecture – The American University in Cairo

Tasked with re-configuring the architecture program (B.Arch) into a 4 years, 150 credit setup.

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| **Committee Member** | June 2023 – June 2024 |

Student Petitions’ review committee

Department of Architecture – The American University in Cairo

Review, assess, and resolve petitions and complaints submitted by ARCH student.

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| **Committee Member** | January 2023 |

The selection committee of the Medhat Haroun Best MS Thesis Award

The American University in Cairo

A member of the committee for selecting the best MS Thesis award in engineering disciplines at AUC.

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| **Committee Member** | October 2022 – November 2022 |

Ad-Hoc New School and New Building planning committee

Department of Architecture – The American University in Cairo

Plan and propose new programs, new structure and spatial requirements for new school of Design at AUC

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| **Committee Member** | June 2022 – August 2022 |

Ad-Hoc Hiring Committee (sustainable Architecture)

Department of Architecture – The American University in Cairo

Reviewing, assessing and prioritizing candidates for 1 year position in sustainable architecture.

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| **Graduate students’ representative** | October 2019 – September 2020 |

Concordia Fair Trade Steering Committee - Concordia University

A committee tasked with reviewing and refining the Concordia progress towards being a fully Fairtrade campus. Selected by the GSA to represent graduate students.

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| **Graduate students’ representative** | November 2018 – September 2020 |

Concordia Zero Waste (Residual Materials) Committee - Concordia University

A committee tasked with reviewing and refining the Concordia Zero Waste (Residual Materials) Plan. Selected by the GSA to represent graduate students.

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| **Graduate students’ representative** | February 2017 – September 2020 |

Sustainability Advisory and Steering Committee - Concordia University

Committee member selected by the council to represent the Graduate Student Association (GSA). Conducts strategic planning and develops recommendations with respect to policy and plans, including resource allocations and reporting.

## Elected positions

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| **Member of the board** | December 2021 – Present |

The Egyptian Facility Management Association (EGYFMA)

Elected as board member in December 2021.

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| **Treasurer** | September 2019 – September 2020 |

Graduate Individualized Student Association (GISA) - Concordia University

Elected in September 2019. Administering the finances of the organization.

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| **President** | September 2017 – September 2019 |

Graduate Individualized Student Association (GISA) - Concordia University

Administering the overall operation of the association. Elected in September 2017 and re-elected in September 2018

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| **INDI director** | April 2017 – June 2018 |

Graduate Student Association (GSA) board of directors - Concordia University

Elected in April 2017. Voting member on the council, INDI Director (the highest governing and decision-making body of the GSA). Co-chair of the sustainability committee. Member of the appointments and hiring committees.

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| **Treasurer** | September 2016 – September 2017 |

Graduate Individualized Student Association (GISA) - Concordia University

Elected in September 2016. Administering the finances of the organization.

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| **Student Government President** | September 2008 – June 2009 |

Canadian International School of Egypt

Elected in September 2008. Represented the student body before administration as well as agencies and organizations outside the school community worked on event organization and fundraising.

## Institutional and departmental representation

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| **Architecture Department Open Day Booth** | March 2021 |

AUC Open Day – Spring 2021

Attended the open day event and represented the architecture department at the event.

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| **Delegate for Concordia University** | June 2019 |

26th Regular Session of the CEC and Meeting of the Joint Public Advisory Committee - Mexico City

Attendance and travels supported by a grant from the CEC (valued at $2500 US)

Regular Session of the Council of the Commission for Environmental Cooperation (CEC) hosted by Mexico’s Secretary of Environment and Natural Resources’ Víctor Manuel Toledo. Guest and speakers included senior officials on environmental affairs for the countries of Canada, Mexico and USA.

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| **Delegate for David O’Brien Center for Sustainable Enterprise** | October 2018 |

Progress on sustainable finance initiative – Montreal, Canada

Presentation and networking with the members of the High-Level Expert Group on sustainable finance (HLEG), the UK Green Finance Taskforce, and the Canadian Expert Panel on Sustainable Finance.

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| **#MyCanada2067 campaign university Ambassador** | January 2017 – June 2018 |

Converge 2017 Conference - Universities Canada  
Promote the discussion and conversation on the future of Canada’s education and research engaging on social media and at events to promote the campaign and the ideas presented by students

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| **Delegate for Concordia University** | February 2017 |

Converge 2017 | Carrefour 2017 - Conference in Ottawa by Universities Canada

Future innovators, creators, entrepreneurs and community leaders from Canada’s universities will join leaders from across the country to explore what Canada can become in the next 50 years. Guests and speakers included PM- Justin Trudeau and GG- David Johnston. One of the 2 selected students to represent Concordia University.

## Community initiatives Leadership

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| **Lead curriculum developer** | May 2021 – Present |

Life Vision and Food and Agriculture Organization of the United Nations– Egypt

Leading the development and piloting of a community kitchen and knowledge exchange platform initiative. Life Vision is helping women in the south of Egypt) improve their income - and building their resilience to life’s challenges.

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| **Founding Member** | November 2019 – May 2021 |

Sustainability Eco-system and Think Tank, Concordia University

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| **Co-founding Member, Designer and Academic Liaison** | June 2016 - September 2020 |

Season Jars, Concordia University

Season Jars – is a student-led Concordia Food Coalition working group that aims to promote year-round consumption of local, organic, and seasonal produce through public education and collective food preservation. The group is currently working towards legal institutionalization.

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| **INDI mentorship initiative** | June 2016 – September 2019 |

Individualized program, Concordia University

Launched and managed a mentorship initiative for the INDI Program. Coordinated between 15 students and 6 mentors. Helped organize events and meet-ups for the program participants.

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| **Founding Member** | September 2007 – September 2009 |

French Club, Canadian International School of Egypt

Along with 2 other students, I founded a French club in my school and secured funding for the activities. The club aimed to attract non-French speaking to learn the language through a variety of extracurricular activities.

## Volunteering

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| **Volunteer Moderator** | October 2021 |

MTL Connect – Montreal Digital Spring

Took part in training and development to moderate two sessions in this hybrid event.

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| **Volunteer host** | August 2021 – October 2021 |

Faculty Services Committee (FSC), The American University in Cairo

Assist new faculty during their settling-in upon their first arrival to Cairo.

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| **Advisory board member** | November 2018 – June 2019 |

Eco-Innovation Network, Commission for Environmental Cooperation (CEC)

Part of the advisory board committee for developing and establishing the network joining Canada, Mexico and USA.

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| **Steering committee member** | June 2018 – November 2018 |

Making art, Making politics (art residency and exhibition), Concordia University

Part of the steering committee for the approval of activities on the Canada Pavilion 67 site and for the organization of the exhibition in November 2018.

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| **Youth committee member** | November 2016 – February 2017 |

Converge 2017 | Carrefour 2017, Conference organized by Universities Canada - Ottawa, February 2017

Part of the youth advisory committee which helped in providing ideas and support for the conference organization team.

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| **Designer and volunteer** | September 2016 |

“Waste Not, Want Not” Compost Awareness Campaign - Concordia University

Designed and built a moving and talking compost bin that was used in creating a comedy during the campaign events. I also volunteered during the campaign.

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| **Volunteer** | September 2014 - January 2016 |

Circular Supply Chain Research Initiative - Little Burgundy, Montreal

The research aimed to assess the possibility of creating a closed-loop circular supply chain for a local market. Assisted a group of researchers from Concordia in designing and conducting exhibitions and surveys in the Little Burgundy area of Montreal.

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| **Volunteer and Animated Children Book Writer** | January 2014 - June 2014 |

Pre-School Nursery- American University in Cairo

Wrote and animated a young children’s books which I presented to the kids in the university pre-school as a volunteer for a semester

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| **Volunteer and Member** | September 2011 – June 2014 |

Architecture Association - American University in Cairo

Supported the student-led initiative for establishing the association. Member of the skills development committee. Responsible for teaching and assisting students in various courses’ work. Helped in organizing tutorials and networking events.

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| **Project leader** | April 2013 – August 2013 |

Personal initiative in collaboration with the Association for the Protection of the Environment (APE)

Led a small group of architects in mapping and documenting social and environmental realities in the garbage collectors district of Cairo and other urban informal areas (slums) in Giza and greater Cairo. Collaborated with APE to document environmental data and meet local residents in these areas. Organized the information to make it available for other designers in order to encourage working in these marginalized districts.

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| **Volunteer** | January 2011 – January 2013 |

Life Vision – Egypt

Life Vision is helping women farmers in Minya (a rural city in the south of Egypt) improve their yields and income - and building their resilience to life’s challenges. I volunteered in their activities and trips. I co-led a number of trips for children to Minya and helped in the design of some basic infrastructure developments (water and sanitary connections) for some projects.

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| --- | --- |
| **Team leader** | September 2007 – June 2009 |

BOTBALL Robotics Team - Canadian International School of Egypt  
Responsible for the mechanical design, building and testing. The team won the 2nd place in the middle-east regional competition in Doha, Qatar

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| **Camp counsellor** | June 2008 – September 2008 |

Cairo American College, Cairo, Egypt

Teaching Assistant and Curriculum Development

# Professional experience

## Architectural design

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| **Designer – Part time** | June 2009 – Present |

NG - Design office (Architecture Consultants)

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| **Interior design intern** | December 2009 – February 2010 |

Moinard - Bétaille. Architecture d'intérieur. Paris (France)

## Construction engineering

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| **Site engineer, Intern** | June 2014 – August 2014 |

Grand Egyptian Museum, Besix-Orascom JV, Cairo (Egypt)

Construction supervision, design revision, prototyping for a 36,000 m2 concrete folded plates system.

## Organization of events and exhibitions

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| **Workshop facilitator and co-developer** | April 2021 – December 2022 |

**The Climate Resilience of Micro, Small and Medium Industrial Workplaces in Egypt (CRESMI)**

University College London (UCL) and The American University in Cairo (AUC)

Organized and co-developed a series of workshops, online, hybrid and in-person related to a funded project by the British Council.

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| **Academic Seminar** | January 2022 – May 2022 |

**Urban and Real Estate Development in Cairo - Past, Present and Future**

Event content, reach out and management for a full day hybrid seminar.

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| **Professional Training sessions organizer** | January 2022 – November 2022 |

**Envelope Training, in Collaboration with Rockwool France**

Event content, reach out and management for a series of two training sessions in hybrid delivery.

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| **Book Launch co-organizer** | August 2021 – November 2021 |

**Zoom and Facebook Live stream**

Launch for the edited book: “Sustainable Architecture – Between Measurement and Meaning (Book Launch meeting)”

Organized the online launch and social media efforts for the event.

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| **Book Launch co-organizer** | July 2021 - September 2021 |

**Montreal, Canada and Facebook Live stream**

Launch for the guide: “Réinventer l’attente du bus : Principes de conception pour les espaces environnant des abribus | Reimagining waiting for the bus: Design principles for spaces surrounding bus shelters”

Organized the online launch and social media efforts for the event.

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| **Workshop series co-coordinator** | June 2016 - September 2020 |

**Food preservation workshops**

Season Jars - Concordia University

More than 30 workshops co-organized on various food preservation topics with more than 300 attendees.

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| **Exhibition designer and coordinator** | November 2019 |

**Indoor Energy visualization and gamification –**

4TH SPACE – Concordia University

Co-designed an energy-based visualization and comfort game for space users using current sensors and processing

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| **Event coordinator** | March 2017 |

**Panel Discussion - Interdisciplinary Research Beyond INDI**

Graduate Individualized Student Association (GISA) **-** Concordia University

More than 35 attendees from the academic community of Concordia and Montreal

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| **Event coordinator** | November 2016 |

**Workshop – Imagining your research in 3D**

Graduate Individualized Student Association (GISA) **-** Concordia University

Designed and organized a workshop (part of the INDI workshop series) to invite PhD researchers and faculty members to use material to imagine their research in 3-dimensional space

## Project coordination

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| **General coordinator** | June 2016 – November 2018 |

Loyola Solar Bus Shelter Competition and design development

Climate Change Awareness Project, Collaboratoire (Ideas-be) -Concordia University

In collaboration with the Centre for Zero Energy Building Studies - Concordia University

Coordinating between the architects and the engineering team, overseeing the design development phase and project detailing. Coordinating and planning outreach and exhibition event.

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| **Coordinator - Technical drawing and engineering** | April 2016 – July 2017 |

TeamMTL, Solar Decathlon China 2018

McGill University - Concordia University

# Web and media presence

## News & media

**The Zero-Carbon Future of Cairo’s Heritage: AUC Architecture Graduates Showcase Sustainable Design at the Venice Biennale**

August 16, 2023, AUC Media Release.

And republished in [1](https://www.al-fanarmedia.org/ar/2023/08/%d8%a7%d9%84%d9%85%d8%b3%d8%aa%d9%82%d8%a8%d9%84-%d8%a7%d9%84%d9%85%d8%b3%d8%aa%d8%af%d8%a7%d9%85-%d9%84%d8%a3%d8%ad%d9%8a%d8%a7%d8%a1-%d8%a7%d9%84%d9%82%d8%a7%d9%87%d8%b1%d8%a9-%d8%a7%d9%84%d8%aa/), [2](https://icona.almasryalyoum.com/%D8%B7%D9%84%D8%A7%D8%A8-%D8%A7%D9%84%D8%B9%D9%85%D8%A7%D8%B1%D8%A9-%D8%A8%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D8%A7%D9%84%D8%A3%D9%85%D8%B1%D9%8A%D9%83%D9%8A%D8%A9-%D8%A8%D8%A7%D9%84%D9%82/), [3](https://www.masrawy.com/news/education-universityeducation/details/2023/8/16/2455453/%D8%B7%D9%84%D8%A7%D8%A8-%D8%A7%D9%84%D8%B9%D9%85%D8%A7%D8%B1%D8%A9-%D8%A8%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D8%A7%D9%84%D8%A3%D9%85%D8%B1%D9%8A%D9%83%D9%8A%D8%A9-%D9%8A%D8%B9%D8%B1%D8%B6%D9%88%D9%86-%D9%85%D8%B4%D8%B1%D9%88%D8%B9-%D8%AA%D8%AE%D8%B1%D8%AC%D9%87%D9%85-%D9%81%D9%8A-%D8%A8%D9%8A%D9%86%D8%A7%D9%84%D9%8A-%D9%81%D9%8A%D9%86%D9%8A%D8%B3%D9%8A%D8%A7), [4](https://www.masralyoum.news/Policy/10696376/%D8%AD%D8%B1%D9%81-%D8%A7%D9%84%D8%AE%D9%84%D9%8A%D9%81%D8%A9-%D9%88%D8%AD%D8%A7%D8%B1%D8%A9-%D8%A8%D8%B1%D8%AC%D9%88%D8%A7%D9%86-%D8%A8%D8%A7%D9%84%D8%AC%D9%85%D8%A7%D9%84%D9%8A%D8%A9-%D9%85%D8%B4%D8%B1%D9%88%D8%B9%D8%A7%D8%AA-%D8%B7%D9%84%D8%A7%D8%A8%D9%8A%D8%A9-%D9%85%D8%B3%D8%AA%D8%AF%D8%A7%D9%85%D8%A9-%D8%A8%D9%81%D9%8A%D9%86%D9%8A%D8%B3%D9%8A%D8%A7-%D8%B5%D9%88%D8%B1), [5](https://www.cairo360.com/ar/article/%D8%A7%D9%84%D8%AD%D9%8A%D8%A7%D8%A9-%D9%81%D9%8A-%D9%83%D8%A7%D9%8A%D8%B1%D9%88/%D8%B7%D9%84%D8%A7%D8%A8-%D9%85%D9%86-%D8%A7%D9%84%D9%80auc-%D9%86%D9%82%D9%84%D9%88%D8%A7-%D8%A7%D9%84%D9%82%D8%A7%D9%87%D8%B1%D8%A9-%D8%A7%D9%84%D8%AA%D8%A7%D8%B1%D9%8A%D8%AE%D9%8A%D8%A9-%D8%A5/), [6](https://www.elaosboa.com/1069864/), [7](https://www.elfagr.org/4749461), [8](https://pressbee.news/details/6697665/%D9%85%D8%B4%D8%B1%D9%88%D8%B9-%D8%AA%D8%AE%D8%B1%D8%AC-%D9%84%D8%B7%D9%84%D8%A7%D8%A8-%D8%A7%D9%84%D8%B9%D9%85%D8%A7%D8%B1%D8%A9-%D8%A8%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D8%A7%D9%84%D8%A3%D9%85%D8%B1%D9%8A%D9%83%D9%8A%D8%A9-%D9%84%D8%A5%D8%AD%D9%8A%D8%A7%D8%A1-%D8%AA%D8%B1%D8%A7%D8%AB-%D8%A7%D9%84%D9%82%D8%A7), [9](https://elghad.news/150193/), [10](https://www.elamwal.com/230819), [11](https://alalamelyoum.co/117198/), [12](https://almoasheralektesady.com/224584/), [13](https://www.elmogaz.com/752977), [14](https://www.alnaharegypt.com/1002770), [15](https://www.kashqol.com/157325), [16](https://www.canadiannews.net/2023/08/1_13.html), [17](https://almotawwer.com/schools-and-universities/78152/), [18](https://www.altreeq.com/435972), [19](https://www.arabianews24.net/a/373796), [20](https://alhassad.com.eg/article/233572/%D9%81%D9%8A-%D8%A8%D9%8A%D9%86%D8%A7%D9%84%D9%8A-%D9%81%D9%8A%D9%86%D9%8A%D8%B3%D9%8A%D8%A7-%D8%B7%D9%84%D8%A7%D8%A8-%D8%A7%D9%84%D8%B9%D9%85%D8%A7%D8%B1%D8%A9-%D8%A8%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D8%A7%D9%84%D8%A3%D9%85%D8%B1%D9%8A%D9%83%D9%8A%D8%A9),[21](https://www.aiwaegypt.com/egypt/193945/%D9%81%D9%8A-%D8%A8%D9%8A%D9%86%D8%A7%D9%84%D9%8A-%D9%81%D9%8A%D9%86%D9%8A%D8%B3%D9%8A%D8%A7-%D8%B7%D9%84%D8%A7%D8%A8-%D8%A7%D9%84%D8%B9%D9%85%D8%A7%D8%B1%D8%A9-%D8%A8%D8%A7%D9%84%D8%AC%D8%A7%D9%85/), [22](https://youtu.be/u6JuywIpR70)

https://www.aucegypt.edu/media/media-releases/zero-carbon-future-cairo%E2%80%99s-heritage-auc-architecture-graduates-showcase

**E-scooters are on the rise. Do they represent a trend or a transit revolution?**

June 13, 2023, interview on the E-Scooter trend and its potential for sustainable mobility in the city

https://enterprise.news/news/story?storyId=e9b37ffc-fe02-4f02-8e79-896460aab4f9&prev=false

**AUC Faculty Develop New Courses on Climate Change, Sustainability During 2023 Research and Creativity Convention**

March 15, 2023 (featuring of award-winning interdisciplinary course on sustainable urban programs)

https://www.aucegypt.edu/news/auc-faculty-develop-new-courses-climate-change-sustainability-during-2023-research-and

**Community Reflections on AUC participation in COP 27**

https://www.aucegypt.edu/climate-change/community-reflections

**How the Wind Towers Provide a Sustainable Solution: More Passive and Less Carbon-Intensive**

https://www.youtube.com/watch?v=X3HUlBDy8Jc&feature=youtu.be

**AUC Prepares for COP27**

https://www.youtube.com/watch?v=dgAqHy1ldaQ

**Egypt Facility Management Forum - Speakers**

https://efmf.me/speaker/dr-sherif-goubran/

**Un guide pour réinventer l’attente aux arrêts de bus**

September 15, 2021 (featuring details of published co-authored guide)

https://journalmetro.com/local/hochelaga-maisonneuve/2696253/un-guide-pour-reinventer-lattente-aux-arrets-de-bus/

**Concordians develop a new guide that reimagines the experience of waiting for the bus**

September 14, 2021 (featuring details of published co-authored guide)

https://www.concordia.ca/news/stories/2021/09/14/concordians-develop-a-new-guide-that-reimagines-the-experience-of-waiting-for-the-bus.html

**The Big-5 Event - Speakers**

https://www.thebig5constructegypt.com/speakers/dr-sherif-goubran/

**5 Sustainable Development Experts on What It’ll Take to Achieve the SDGs**

How we can make progress on a better 2030 – May 20, 2020

https://futureofgood.co/5-sustainable-development-experts/

**Stuff — and stories — abound in Montreal's booming self-storage industry**

June 29, 2019 (opinion on the topic feature in article)

https://montrealgazette.com/news/local-news/all-the-stuff-that-montrealers-store

**Concordia’s 2019 Public Scholars take on surgical robots, the future of fibre optics and queer utopias**

10 new PhD students get set to share their innovative research with society at large – May 1, 2019

<http://www.concordia.ca/news/stories/2019/05/01/concordias-2019-public-scholars-take-on-surgical-robots-the-future-of-fibre-optics-and-queer-utopias.html>

**Concordia’s 5 new Vanier scholars explore everything from interactions with microbes to our fear of losing control**

The Canada-wide program rewards PhD students for academic excellence, research potential and leadership – July 19, 2018

http://www.concordia.ca/cunews/main/stories/2018/07/19/meet-concordias-5-new-vanier-scholars.htmlSDGs

**How to find the right supervisor?**

When you’re searching for a supervisor you have to do your homework - November 24, 2017

https://www.universityaffairs.ca/career-advice/graduate-matters/finding-right-supervisor/

**A $50,000 federal boost for TeamMTL’s 2018 Solar Decathlon project**

Concordia and McGill students start designing their home of the future this summer - April 7, 2017

http://www.concordia.ca/cunews/main/stories/2017/04/07/solar-decathlon-team-mtl.html

**Taking on Sun City**

TeamMTL brings innovative net-zero home to Dezhou, China - February 9, 2017

http://www.concordia.ca/cunews/offices/vpaer/aar/2017/02/09/taking-on-sun-city.html

## Online profiles

**Engaged Sustainable Futures:** https://esf-mambe.com/

**The American University in Cairo:** https://www.aucegypt.edu/fac/sherifgoubran

**Concordia Public Scholar:** [https://www.concordia.ca/sgs/public-scholars/alumni/2019.html](https://www.concordia.ca/sgs/public-scholars/alumni/2019/sherif-goubran.html)

**Concordia Research Promo:** <https://www.youtube.com/watch?v=UJ2zIy9VDMo>

**Vanier Canada Graduate Scholarship:** <https://vanier.gc.ca/en/scholar_search-chercheur_recherche_2018.html>

**Canada Research Chair in ACME:** <https://crc.umontreal.ca/en/doctorant/sherif-goubran/>

**ResearchGate:** <https://www.researchgate.net/profile/Sherif_Goubran>

**Google Scholar:** <https://scholar.google.com/citations?user=Izjk8NgAAAAJ&hl=en>

**Publons:** <https://publons.com/researcher/3144363/sherif-goubran/>

**ORCID:** <http://orcid.org/0000-0002-2365-0351>

# Professional memberships, registrations, and licensures

Living Future Accredited Professional (since 2023)

Professional member in the International Living Future Institute (since 2022)

Member of the Urban Studies Foundation (since 2022)

Member of the Egyptian Engineers Syndicate (since 2014)