

# Sherif Goubran, PhD

Assistant Professor - Department of Architecture  
School of Sciences and Engineering (SSE)  
The American University in Cairo (AUC-Egypt)

Living Future Accredited Professional

Academic Lead - Engaged Sustainable Futures

Curriculum Vitae  
4 February 2024



## Contact information

Sherif Nader Alphonse Goubran

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

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

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## 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 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 a number of 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 \(ESF MAM-BE\)](#) 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

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
Canada research network on excellence in architecture An initiative of the Canada Research chair in Architecture, competitions and Mediations for Excellence, Université de Montréal	Since January 2020
Emerging Risks Information Center and University Chair (ERIC) Department of Finance, Concordia University	Since December 2019
Canadian Sustainable Finance Network (CSFN) An initiative that is part of the Institute for Sustainable Finance (ISF), Smith School of Business - Queens University	Since November 2019
<b>Laboratoire d'Étude de l'Architecture Potentielle (LEAP)</b> <b>École d'architecture Faculté de l'aménagement, Université de Montréal</b>	Since February 2016
Integrated Design, Ecology and Sustainability for the Built Environment (ideas-be) university research chair Faculty of Fine Arts, Concordia University	Since February 2016
Sustainability Ecosystem An initiative of in the John Molson School of Business, Concordia University	2020 - 2022
Center for Zero Energy Studies (CZEB) Building, Civil and Environmental Engineering Department, Concordia University	2014 - 2021
Loyola Sustainability Research Centre Concordia University.	2018 - 2021
Institute of Urban Futures Faculty of Fine Arts, Concordia University.	2018 - 2021
Department of Finance John Molson School of Business, Concordia University	2016 - 2021
Individualized Program School of Graduate Studies, Concordia University	2016 - 2021
Department of Design and Computational Arts Faculty of Fine Arts, Concordia University	2016 - 2021
Building, Civil and Environmental Engineering Department Gina Cody School of Engineering and Computer Science, Concordia University	2014 - 2021
<b>David O'Brien Centre for Sustainable Enterprise</b> John Molson School of Business, Concordia University	2016 - 2018
Building Envelope Research Lab Building, Civil and Environmental Engineering Department, Concordia University	2014-2016
Department of Architecture and Construction Engineering American University in Cairo (Egypt)	2009-2014

## Grants, honours, collaborations, and notable mentions

### Research and teaching grants

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: Under review	
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	
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	
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	
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	

The 2050 Education for Sustainable Development Campus: Envisioning the futures of learning spaces and curricula for AUC and Egypt 2023-2024

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 2023-2024

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

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.

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 (on hold)



Venice Architecture Biennale 2023: Acoustic sensory refuge	2022-2023
<p>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</p>	
Multi-domain occupant comfort experimentation framework in different climate zones	2022-2023
<p>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</p>	
AUC DataHub for Climate Change Mitigation: Establishment of a training and reporting platform for the Carbon footprint of Egyptian Universities	2022-2023
<p>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)</p>	
Living wall systems as nature-based urban solutions for climate change: An <b>experimental study of exterior green walls systems’ energy, carbon, and thermal</b> comfort impacts in hot arid climates	2022-2023
<p>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</p>	
The Transnational Heritage Future Studio: Zero-Carbon and Resilient	2022-2023
<p>Focus: Teaching-Learning Partnership  Role: Principle investigator (Egypt-side)  With: <b>Dr. Tom Jefferies (Queen’s University Belfast, UK)</b>, Dr. Laura Coucill (University of Salford, UK) and Dr. Khaled Tarabieh  Budget: GBP £39,504  Duration: 1 year  Funder: British Council  Outcome: Successful – Funded</p>	

- 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
- 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
- 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
- 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
- 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 \$47,850  
 Duration: 5 years  
 Funder: Sam and Diane Scalia Sustainable Real Estate Fund – Concordia University  
 Outcome: Successful – funded

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

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

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 support awards

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

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

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

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

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

Individualized Program (INDI) Conference Award Individualized Program, Concordia University Award valued at CAD \$300	Summer 2019
School of Graduate Studies Conference Award School of Graduate Studies, Concordia University Valued at CAD \$ 1,000	Summer 2019
Sustainability Research Award Recipient 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	Spring 2018
Individualized Program (INDI) Conference Award Individualized Program, Concordia University Award valued at CAD \$600	Fall 2017
School of Graduate Studies Conference Award School of Graduate Studies, Concordia University Valued at CAD \$1,000	Fall 2017
 <b>Research scholarships</b>	
Concordia Public Scholars: 2019-2020 Cohort 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	Summer 2019
Vanier Canada Graduate Scholarships (Vanier CGS) 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.	Fall 2018
Joseph-Armand Bombardier Canada Graduate Scholarships-Doctoral (CGS D) 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	Fall 2018
LEAP Doctoral Scholarship <b>Laboratoire d'Étude de l'Architecture Potentielle, Université de Montréal</b> Award valued at CAD \$2,000 Awarded based on academic excellence and research contributions	Summer 2018
Power Corporation of Canada Graduate Fellowship Individualized Program, Concordia University 1-year fellowship valued at CAD \$5,000 Awarded based on academic excellence and research contributions	Fall 2017
LEAP PhD Entrance Scholarship <b>Laboratoire d'Étude de l'Architecture Potentielle, Université de Montréal</b> Award valued at CAD \$1,500 Awarded based on academic excellence and research potential	Summer 2017

Individualized Program (INDI) Entrance Fellowship Individualized Program, Concordia University 3-year fellowship valued at CAD \$52,500 Presented based on academic excellence and quality research proposal	Fall 2016
Concordia Retired Faculty and Staff Graduate Award Building Engineering, Concordia University 1-year award valued at CAD \$5,000 Presented based on academic excellence and research achievements	Fall 2015
Academic Achievement Award 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	Fall 2009

## Notable mentions

Winner of Bridging Languages and Scholarship (BLS) initiative – Vernon Press Book title: Sustainable Architecture – Between Measurement and Meaning Translated to Spanish: Arquitectura Sostenible: Entre Medición y Significado	Spring 2022
Nominated for the Governor General Gold Medal – Concordia University	Spring 2021
Second place in French 3 Minute Thesis Competition – Concordia University	Fall 2019
One of 30 finalists interviewed for the Trudeau Foundation Doctoral Scholarship	Spring 2018

## Research collaborations and sponsorships

Memorandum of understanding (MOU) 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 <b>to test currently built models and then test the new and improved “Green” models.</b> The goal is to document the effects of the improvements on the envelope performance – in terms of tightness and thermal transmittance.	June 2022 – June 2024
Sponsorship Agreement 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.	June 2021 – June 2023

## Prizes and Honors

- 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.
- Best Presentation Award - 1st Prize Winter 2023  
 ICACECH 2022: XVI. International Conference on Architectural Conservation, Engineering and Cultural Heritage. Cairo, Egypt.
- 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"**
- Best Paper Award - 1st Prize Fall 2022  
 2nd OHI international conference: Sustainable conservation of heritage areas. Cairo, Egypt  
 Valued at EGP 10,000
- Poster Award - 1st Prize Fall 2018  
 2018 INDI Program Research Exposition. Montreal, QC  
 Valued at CAD \$300
- 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 MSc programs - Award is a metal plaque
- 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
- Summa Cum Laude - Graduation with Highest Honor Summer 2014  
 B.S. Architecture, American University in Cairo
- 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)
- 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
- 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
- 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.

## Publications

### Refereed journal articles

- 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(July 2022), 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
- Cucuzzella, C., & Goubran, S. (2019). Infrastructure as a Deeply Integrated Sustainable Urban Project. *Journal of Sustainability Research*, 1(1). doi: 10.20900/jsr20190010
- 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.
- 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.

## Refereed conference papers

- 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](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)*.
- 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](http://www.icarb.org/2023-conference/papers)
- Eldakrouy, M., Goubran, S., Abdelaziz, O. (2024). CFD-Based Ventilation Assessment of a University Building with an Integrated Windcatcher in Egypt. *2023 ASME IMECE Conference*, New Orleans, LA.



- Goubran, 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](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](https://doi.org/10.1007/978-981-19-9822-5_232)
- Shoukry, F., Goubran, S., & Tarabieh, K. (2023). Perceived Comfort in University Classrooms Post the Pandemic: Interpretations Considering the Carbon Footprint of Learning Spaces. *Proceedings of the 8th International ICARB Conference on Carbon Accounting*, 508–532. [www.icarb.org/2023-conference/papers](http://www.icarb.org/2023-conference/papers)
- 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](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 CO<sub>2</sub> 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 2<sup>nd</sup> OHI international conference: Sustainable conservation of heritage areas. Cairo, Egypt.
- Cucuzzella, C., Goubran, S., & Nizar, F. (2022). Interactive Digital Art as Didactic Agents in Space: The art of eco-nudging. 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.
- 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.
- 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.
- Qi, D.; Goubran, S.; Zmeureanu, R.; & Wang, L. (Leon). (2015). Effect of People on Infiltration of Building Entrance with Air Curtains. In *ISHVAC-COBEE* (p. 9). Tianjin, China.
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## Book chapters

- 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](https://doi.org/10.1007/978-3-031-28739-8_1)
- Walker, T., Tarabieh, K., Goubran, S., & Machnik-kekesi, G. (2023). Sustainable Practices in Higher Education: An Introduction. In T. Walker, K. Tarabieh, S. Goubran, & G. Machnik-Kekesi (Eds.), *Sustainable Practices in Higher Education: Finance, Strategy, and Engagement* (pp. 1–6). Springer International Publishing. [https://doi.org/10.1007/978-3-031-27807-5\\_1](https://doi.org/10.1007/978-3-031-27807-5_1)
- 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](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](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). Epilogue. In C. Cucuzzella & S. Goubran (Eds.), *Sustainable Architecture – Between Measurement and Meaning* (pp. 143–146). Vernon Press.
- 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. Mnisi (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](https://doi.org/10.1007/978-3-319-94565-1_3)

## Books and research notebooks

- 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://issuu.com/esfauc/docs/design\\_3\\_documentation](https://issuu.com/esfauc/docs/design_3_documentation)
- 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>
- Cucuzzella, C., & Goubran, S. (Eds.). (2022). *Arquitectura Sostenible: Entre Medición y Significado*. Vernon Press.
- 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.

## 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

- 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.
- 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? *50<sup>th</sup> 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 *2<sup>nd</sup> 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 *2<sup>nd</sup> 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 *2<sup>nd</sup> 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.
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- Goubran, S. with Salma Ahmed, Salma Halawa, Nouran El Khatam & 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.

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- 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.

Report 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.

## Articles under review and submission

Cucuzzella, C.; Goubran, S. & Nizar, F. (2023). Interactive Digital Art as Didactic Agents in Space: The art of eco-nudging. Accepted in International Journal of Technology Management

Geith, R. & Goubran, S. (2023). The Value of Creative Transdisciplinary Architectural Design Approaches in the Realization of the Sustainable Development Goals (SDGs). Accepted in International Journal of Innovation and Sustainable Development

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*. Paper Accepted

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

Shoukry, F., & Goubran, S. (202-). Enhanced Indoor Air Quality Dashboard Framework: A Practical Proposition for Higher Educational Institutions in Developing Countries. *Facilities*. Under Review

Shoukry, F., Raafat, R., Goubran, S., & Tarabieh, K. (202-). Indoor Air Quality and Energy Efficiency in University Classrooms: Exploring Trade-Offs and Synergies. *Sustainability*. 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? *Indoor Environments*. Under Review



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)*. Abstract Accepted.

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)*. Abstract Accepted.

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)*. Abstract Accepted.

Raafat, R.; Allam, S.; Farouh, H.; Nessim, M.; Yousri, K. & Goubran, S. (202-). Quantifying Energy Demand and Consumption in Social Housing Projects: Assessing the Impact of Building Infiltration on Energy Performance. *2023 PHRC Housing Conference, PennState, USA*. Abstract Accepted.

Raafat, R.& Goubran,S. (202-). Building Envelope air tightness and infiltration: Literature Review of available field research and critical knowledge gaps. Under internal Review.

Raafat, R.; Allam, S.; Farouh, H.; Nessim, M.; Yousri, K. & Goubran, S. (202-). Field Testing for Envelope Construction Quality in Social Housing: In situ testing of envelope air leakage to estimate improvements between the traditional and improved models. Under internal Review.

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)

ASHRAE Design Guide for Air Curtains

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

Publisher: ASHRAE

Status: Contract extended, Manuscript in preparation

The business case for healthy built environments: human-health in a sustainable post-pandemic era

Thomas, W., Wang, L., Goubran, S., & Shoukry, F. (eds.)

Publisher: TBD

Status: Proposal in preparation

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

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

Publisher: TBD

Status: Manuscript in preparation

### Other manuscript in preparation

- Sustainable architecture awards – An abridged overview and preliminary insights from Canada
- Sustainable Development Goals as understood from Canadian most awarded sustainable Buildings (to be submitted to a peer reviewed architectural academic journal)

- The political, micro-economic and social determinants of COVID – a global study
- Understanding the relation between real estate and the SDGs – how to move forward.

## Art and creative practice

### Art and design contributions

Zero Carbon Future Heritage May – November 2023

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

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 the role of design in the production of 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 Mahmud, Laura Janicka, Lydiane Ait Amer Mezaine, Matthew Silvester, Max Gibson, Medahavi Shah, Naga Poripireddy, Noor Alsaffar, Precious Adedeyo, Rasheed Sabitu, Saptarshi Sarkar.*

Conjecture – art installation November 2018

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

Faculty of Fine Arts– Concordia University

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).

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

4<sup>th</sup> Space – Concordia University

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

**Concordia's moving and talking compost character** – object design September 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](https://www.youtube.com/watch?v=nUZtS8Q_rVk)

## Object design and creation

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.

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.**

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

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.

## Thesis and Dissertations

**Our buildings have credentials... Now what?**

April 2021

Reconciling Green buildings and sustainable development

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.

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. &amp; M. Computer Science)

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.

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

## 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 1<sup>st</sup>, 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 28<sup>th</sup>, 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 19<sup>th</sup>, 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 10<sup>th</sup>, 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 9<sup>th</sup>, 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 11<sup>th</sup>, 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\\_IJ8-gh9buKHnc65-HaAwgmBjUydkE\\_qheZeOYiqB6KkOh47JJqLyA6k](https://ottawacitizen.com/opinion/columnists/goubran-lets-build-sustainably-not-just-green?fbclid=IwAR3_IJ8-gh9buKHnc65-HaAwgmBjUydkE_qheZeOYiqB6KkOh47JJqLyA6k)

## Invited presentations and guest lectures

- Guest Lecture and Workshop April 2023  
 High Performance Envelopes and Solar Power Generation in Buildings (ARCH 4562)  
 Presented the technical and practical dimensions of high performance envelope design and PV integration in buildings.  
 Architecture engineering, The American University in Cairo.
- Guest Lecture and Workshop December 2022  
 Sustainable Cities, and urban mobility – research, engagement, practice  
 Presented an introduction to sustainable cities and future urban mobility, covering theory, practices, and modes of engagements for an undergraduate level architecture class. Architecture engineering, The German University in Cairo.
- Guest Lecture October 2022  
 Developing theories in Sustainable design (ARCH 5201)  
 Presented an overview and introduction to theories of sustainable design, and the process for developing new theories to analyze sustainability in architecture design projects. Architecture engineering, The American University in Cairo.
- Guest Lecture September 2021  
 Sustainable development and sustainable design theory (ARCH 5201)  
 Presented an introduction to sustainability in the built environment and an historical overview of sustainable development **for a master's level architecture class.** Architecture engineering, The American University in Cairo.
- Guest Lecture May 2021  
 The Logical Argumentation – Semiotics, city planning and sustainability (DART 632)  
 Presented an introduction for logical argumentation methods and reviewed work on semiotics, city planning and sustainability. Design. Design and computational art, Concordia University.
- Guest Lecture April 2021  
 The SDGs & Design (DART 263)  
 Presented an introduction regarding the SDGs and their integration in the sustainable design process. Design and computational art, Concordia University.
- Invited Seminar Presentation June 2020  
 Building Performance Research Summer Seminar Series, Carleton University  
 Presented a seminar on work done with Dr. Cucuzzella and Dr. Ouf on soliciting occupant behaviours through interactive-art. Design. Civil engineering, Carleton University.
- Guest Lecture July 2020  
 University of Waterloo Summer Camp, University of Waterloo  
**Our Buildings have credentials...Now what?**  
 Presented an overview of how buildings should contribute to sustainable development, beyond the energy-carbon nexus. Civil engineering, University of Waterloo University
- Guest Lecture November 2019  
 The SDGs & Design (DART 263)  
 Presented an introduction regarding the SDGs and their integration in the sustainable design process. Design and computational art, Concordia University.
- Guest Lecture October 2019  
 Finding Academic Journals and Publishing Your Work  
 Presented to 7 LEAP researchers. School of Architecture, Universite de Montreal.
- Guest lecture April 2019  
 Organizational and Community Sustainability (AHSC 415)  
 Presented an introduction to the applications of sustainability principles in the built environment. Applied human sciences, Concordia University

Guest lecture March 2019  
 Urban spaces and their design (ANTH/SOCI 355)  
 Presented an introduction on designing future cities and concepts of urban sustainability in a class focused on Anthropology and Sociology of Urban Regions. Anthropology and sociology, Concordia University.

## Presentations and seminars

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 EIKammah, Laila Hany, Lobna Anous, Moustafa Zahran, Nouran El-Khattam, Omar Assem, Saja Shatat, Tamer ElGabalay

### 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 Mahmud, 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.

Conference Presentation March 2023  
 Research & Creativity Convention 2023, The American University in Cairo  
 Presented: Sustainable Learning sustainable design from modern Egyptian architecture: how the pre-HVAC residential buildings of Sayed Karim embody contemporary sustainability principles  
 Authors: Mahmoud El-Kady & Sherif Goubran

Conference Presentation March 2023  
 Research & Creativity Convention 2023, The American University in Cairo  
 Presented: Sustainable Thinking as a Tool for Design: Defining Means of Advancing Sustainable Development in the Built Environment through Transdisciplinary Architectural Design  
 Authors: Rana Gieth & Sherif Goubran

Conference Presentation March 2023  
 Research & Creativity Convention 2023, The American University in Cairo  
 Presented: Experimental study of envelope airtightness in new Egyptian residential dwellings  
 Authors: Rana Raafat & Sherif Goubran – with Ahmed Marey, Khaled Tarabieh, and Basil Kamel

Seminar Presentation February 2021  
 IDEAS-BE Research Seminar, Concordia University  
 Presented the findings of my research project titled: "Our Buildings have Credentials ... now what?"

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.

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

Seminar Presentation January 2020  
 IDEAS-BE Research Seminar, Concordia University  
 Presented a seminar on academic publication; processes, journal selection and tensions around open science.]

Seminar Presentation October 2019  
 IDEAS-BE Research Seminar, Concordia University  
 Presented the findings of my research project titled: "Our Buildings have Credentials ... now what?"



- 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"**
- Workshop Presentation April 2018  
The Center for Zero Energy Building Studies (CZEBS) - Workshop Symposium, Concordia University  
Presented my PhD research
- 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**
- 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**

## Design Juries and crits, and Project review participation

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	
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	
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	
Jury member for Design 4 Final Semester Review	Summer 2023
Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village	
Theme: <b>Egypt's new Geological Museum in Ein El Sira</b>	
Role: Invited reviewer	
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	
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	
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	
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	
Jury member for Design 3 Final Semester Review	Spring 2022
Institution: Arab Academy for Science, Technology & Maritime Transport - Smart Village	
Theme: Rethinking 15 <sup>th</sup> of May bridge as a youth hub	
Role: Invited reviewer	
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	
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	
Jury member at M.Arch Final Semester Review	Fall 2021
Institution: <b>Queen's University Belfast, Northern Ireland</b>	
Theme: The future of heritage utopias in the UK	
Role: Invited reviewer	
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	
Jury member for M.Arch Pre-Final Semester Review	Fall 2021
Institution: <b>Queen's University Belfast, Northern Ireland</b>	
Theme: The future of heritage utopias in the UK	

Role:	Invited reviewer	
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	
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	
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	
Jury member for final crit and review – Design studio 2		Spring 2021
Institution:	Architecture, The American University in Cairo, Egypt	
Theme:	Thinking Big- <b>Building Small (“Made in Egypt: the Global Village”)</b>	
Role:	Invited reviewer and juror for 8 students	
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	
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	
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	
Jury member for final crit and review – Design studio 2		Fall 2020
Institution:	Architecture, The American University in Cairo, Egypt	
Theme:	Thinking Big- <b>Building Small (“Made in Egypt: the Global Village”)</b>	
Role:	Invited reviewer and juror for 5 students	
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	
Jury member at M.Arch Final Semester Review		Fall 2020
Institution:	<b>Queen’s University Belfast, Northern Ireland</b>	
Theme:	Future Cities: Networked Intelligent Region	
Role:	Invited reviewer	
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	
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	
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	
Jury member at the 2018 Thesis project crit and review		2018
Institution:	Modern Sciences and Arts University, Egypt	
Role:	Invited reviewer and <b>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.</b>	
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 publication support activities

International advisory board member	2023 - present
Journal: Journal of Urban Futures	
Publisher: World Scientific Publishing	
Executive editorial board member	2023 - present
Journal: Environmental Research: Energy	
Publisher: IOP Publishing	
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	
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

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	
Reviewer and chair of MSc Thesis Proposal	December 2023
Candidate: <b>Ala'a</b> Marwan	
Title: Deciphering the Puzzle of Residential Property Demand and Occupancy in New Cairo	
Program: Department of Architecture, The American University in Cairo	
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	
Chair of MSc Thesis Proposal Seminar	September 2023
Candidate: Maram Gamal	
Title: <b>Language and Power: A Critical Discourse Analysis of Egypt's Social Housing Narratives</b>	
Program: Department of Architecture, The American University in Cairo	
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	
Reviewer for an academic journal	2022 - present
Journal: Journal of Engineering, Construction and Architectural Management	
Role: Reviewed 6 paper.	
Reviewer for an academic journal	2021-present
Journal: Journal of Asian Architecture and Building Engineering	
Role: Reviewed 4 paper.	
Reviewer for academic journal	2021-present
Journal: World	
Role: Reviewed 2 paper.	
Reviewer for academic journal	2021-present
Journal: International Journal of Ambient Energy	
Papers: Reviewed a total of 1 paper.	

Reviewer for academic journal	2021-present
Journal: International Journal of Environmental Research and Public Health	
Papers: Reviewed a total of 2 paper.	
Reviewer for academic journal	2021-present
Journal: Real Estate Management and Valuation	
Papers: Reviewed a total of 2 paper.	
Reviewer for academic journal	2020-present
Journal: Sustainability	
Papers: Reviewed a total of 6 papers.	
Reviewer for academic journal	2019- present
Journal: Social Semiotics	
Papers: Reviewed a total of 2 papers.	
Reviewer for academic journal	2019- present
Journal: Journal of Sustainability Research	
Papers: Reviewed a total of 3 papers.	
Reviewer for academic journal	2018- present
Journal: Cities	
Papers: Reviewed a total of 2 papers.	
Reviewer for academic journal	2018- present
Journal: Building research & information	
Papers: Reviewed a total of 4 papers.	
Reviewer for an academic conference	Winter 2022
Conference: EDRA53 Greenville: Health in all design	
Role: Reviewed 6 submissions.	
Reviewer for an academic conference	Fall 2021
Conference: Conference on Building Energy and Environment (COBEE) 2022	
Role: Reviewed 8 submissions.	
Reviewer for an academic conference	Spring 2018
Conference: The Environmental Design Research Association (EDRA 50). Brooklyn, NY – May 22 <sup>nd</sup> , 2019.	
Role: Reviewed 7 submissions including presentations, full papers, and posters.	
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.	
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.	

## Public speaking and workshop facilitation

- 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.
- 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.
- 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.
- 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.
- 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.
- 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 Middle East and North Africa, 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 followed.
- 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).
- 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.
- Moderator, Urban Development and Real Estate in Cairo: inclusivity, May 2022  
sustainability, economic opportunities, and legal frameworks  
Seminar: Urban and Real Estate Development in Cairo - Past, Present and Future  
Moderated a round table discussion with 4 academics on the topic.
- 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.
- 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.
- 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.

- 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.
- Panellist, 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).
- 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. The participants also applied their knowledge in the redesign of an interior residential space
- Speaker and Panellist, 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. The World Bank Group presents its climate roadmap in the Middle East and North Africa, 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 follows.
- 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.
- 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.
- Panellist, 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.
- 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

Graduate Program Director Fall 2023 – Spring 2024  
 Department of Architecture, The American University in Cairo

### Teaching experience

Senior Design Thesis Studio (ARCH 4570) Fall 2023  
 Thesis Advisor – Sustainability sub-stream  
 Department of Architecture, The American University in Cairo

Sustainable Design Studio (ARCH 3554) Fall 2023  
 Coordinator & studio instructor  
 Department of Architecture, The American University in Cairo

Graduation Dissertation (ARCH 4980) Fall 2023  
 Research Advisor  
 Department of Architecture, The American University in Cairo

Environmental Control Systems and Sustainable Design (ARCH 2231) Fall 2023  
 Coordinator & instructor  
 Department of Architecture, The American University in Cairo

Thesis Studio (ARCH 4981) Spring 2023  
 Thesis Advisor – Zero Carbon  
 Department of Architecture, The American University in Cairo

Sustainable Design Studio (ARCH 3554) Spring 2023  
 Coordinator & studio instructor  
 Department of Architecture, The American University in Cairo

Research Methods in Architecture (ARCH 5221) Spring 2023  
 Instructor (collaborator)  
 Department of Architecture, The American University in Cairo

Senior Design Thesis Studio (ARCH 4570) Fall 2022  
 Thesis Advisor – Zero Carbon  
 Department of Architecture, The American University in Cairo

Sustainable Design Studio (ARCH 3554) Fall 2022  
 Coordinator & studio instructor  
 Department of Architecture, The American University in Cairo

Graduation Dissertation (ARCH 4980) Fall 2022  
 Research Advisor  
 Department of Architecture, The American University in Cairo

Research Methods in Architecture (ARCH 5221) Spring 2022  
 Instructor (collaborator)  
 Department of Architecture, The American University in Cairo

Sustainable Design Studio (ARCH 3554) Studio Instructor Department of Architecture, The American University in Cairo	Spring 2022
Graduation Dissertation (ARCH 4980) Coordinator & research advisor Department of Architecture, The American University in Cairo	Spring 2022
Vertical Studio B (ARCH 4562) Coordinator & Studio Instructor Department of Architecture, The American University in Cairo	Fall 2021
Graduation Dissertation (ARCH 4980) Research Advisor Department of Architecture, The American University in Cairo	Fall 2021
Sustainable Design Studio (ARCH 3554) Studio Instructor Department of Architecture, The American University in Cairo	Fall 2021
Designing with the SDGs Instructor SDG summer school, CIRODD and Concordia University (Montreal Canada)	Summer 2021
Vertical Studio B (ARCH 4562) Studio Instructor Department of Architecture, The American University in Cairo	Spring 2021
Graduation Dissertation (ARCH 4980) Research Advisor Department of Architecture, The American University in Cairo	Spring 2021
Research Methods in Architecture (ARCH 5221) Instructor (collaborator) Department of Architecture, The American University in Cairo	Spring 2021
Sustainable Design Studio (ARCH 3554) Studio Instructor(collaborator) Department of Architecture, The American University in Cairo	Spring 2021
Vertical Studio B (ARCH 4562) Studio Instructor Department of Architecture, The American University in Cairo	Fall 2020
Graduation Dissertation (ARCH 4980) Research Advisor Department of Architecture, The American University in Cairo	Fall 2020
Sustainable Design Studio (ARCH 3554) Studio Instructor(collaborator) Department of Architecture, The American University in Cairo	Fall 2020
Basics of Environmental Design (ARCH 2231) Instructor(collaborator) Department of Architecture, The American University in Cairo	Fall 2020

Design thinking for non-designers Fall 2018  
 Instructor (Collaborator)  
 Collaborated in delivering the course, DISTRICT3 business incubator (Montreal, Canada)

Design thinking for non-designers Fall 2017  
 Instructor (Collaborator)  
 Collaborated in delivering the course, DISTRICT3 business incubator (Montreal, Canada)

## Course development and updates

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.

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

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.

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.

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

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

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

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

- 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.
- 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
- 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
- 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
- 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.
- 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.**
- Thesis Supervisor – Engy El-Sayed (MAsc) Fall 2023 - ongoing  
 Sustainable development MAsc program, AUC  
 Future sustainable teaching learning spaces
- 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
- Thesis Co-Supervisor – Rana Refaat (MAsc) Fall 2021 - ongoing  
 Architectural Engineering MAsc program, Cairo University  
 Air infiltration in Egyptian Residential building stock
- Thesis Main Supervisor – Farah Shokry (PhD) Fall 2021 - ongoing  
 Environmental Engineering PhD program, CENG - AUC  
 The effect of COVID instigated indoor air quality policy and guidelines on energy and comfort in educational buildings.

## Student research advising and supervision (completed)

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 recommendations for Construction and Demolition Waste, Moahmed Metawa

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.

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

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

Department of Architecture, AUC

Supervising and mentoring student in a mixed methods research project

Visiting Scholar Co-Supervisor – Tjark Gall Fall 2022

Laboratoire de Genie Industriel, CentraleSupélec, Université Paris-Saclay

Exploring future scenarios of urban development & mobility

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

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

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.**

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.**

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

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

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

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

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

Future17 Global Challenge Mentor OS 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.	Spring 2023
Vanier Scholarship Mentorship 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.	Spring 2021- Ongoing
Student supervisor and mentor – 2 students Department of Finance, Concordia University Supervising and mentoring 1 <b>master's</b> and 1 undergraduate student in various research projects	Fall 2019 – Fall 2020
INDI graduate mentor – 5 students INDI Program, Concordia University Part of the INDI mentorship initiative to familiarize new INDI students to Concordia and the program	Fall 2018 – Fall 2020
Scholarship applications mentor – 8 students Ideas-be & LEAP, Concordia University and UdeM Actively helping 5 graduate students in scholarship application writing	Fall 2018 – Spring 2019
Design supervisor – 2 students Center for Zero Energy Building Studies, Concordia University Helping 2 students working across engineering and design.	Fall 2017-Summer 2018
Student supervisor and mentor - 2 students Department of Finance, Concordia University Guided 2 undergraduates through the CUSRA program in preparing manuscripts for publication.	Summer 2017
Undergraduate research mentor – 1 student IDEAS-BE, Concordia University Guided an undergraduate student in the collecting and analyzing design project data.	Summer 2017
Independent design studies co-supervisor – 12 students 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.	Summer 2017

## Teaching projects

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.

## Academic advising

Advising for Winter/Spring 2023 (24 UG student and 8 MSc) Fall 2022  
 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

**AUC's Team Osis** – 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.

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.

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

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.

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.

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.

Book Launch: Sustainable Architecture – Between Measurement and Meaning November 2021  
 Launch for the edited book: "Sustainable Architecture – Between Measurement and Meaning (Book Launch meeting)"



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"**

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.

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.

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

Seminar coordinator April 2018  
 LEAP annual seminar – On didacticism in architecture - Concordia University  
 More than 60 attendees for the interinstitutional research laboratory

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.

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

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.

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.

Faculty participant April 2021  
 Annual SSE Undergraduate Meeting 2021 Empowering Excellence, The School of Sciences and Engineering, The American University in Cairo.

- 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.
- 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.
- 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.
- 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
- Research assistant (Chaire de recherche du Canada en **architecture, concours et médiations de l'excellence**) September 2019 – September 2020  
 CRC ACME, Université de Montréal  
 Research network development assistance.
- Research assistant (Eco-didactic architecture) June 2018 - September 2020  
 Ideas-be - CoLLaboratoire, Concordia University  
 Analyzing eco-didactic art and architecture under SSHRC funded project.
- 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).
- Research assistant February 2017 - September 2020  
**Laboratoire d'étude de l'architecture potentielle (LEAP), Université de Montréal**  
 Analyzing awarded architecture and awards of excellence in architecture under SSHRC funded project
- 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.
- 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.
- 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.

- 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.
- 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.
- Research assistant September 2016 - September 2020  
Building Engineering Department, Concordia University  
Assisting Dr. Bruno Lee in research development.
- 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).
- 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
- 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
- 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.
- 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.
- 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.
- 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.
- 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
- 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.
- 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

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.**

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.**

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

- Participant (certificate) – Online CITI Training Summer 2023  
Social & Behavioral Research Training.  
Collaborative Institutional Training Initiative (CITI Program)
- Participant (certificate) – Online CITI Training Summer 2023  
Students and Instructors.  
Collaborative Institutional Training Initiative (CITI Program)
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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

- 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
- 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
- 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
- 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
- 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.
- 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

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.

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.

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.

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

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.

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.

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.

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

Committee Member September 2023 – Present

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.

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..

Task Force Member 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.	October 2022 – Present
Committee Chair 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.	April 2022 – Present
Member and committee member The Egyptian Facility Management Association (EGYFMA) A member in the association and an active member on the education, research, and training committee.	December 2021 – Present
Committee Member Faculty Services Committee The American University in Cairo Supporting and offering assistance to all faculty members, and planning community building activities for AUC faculty.	July 2020 – Present
Committee Member Carbon Footprint Committee Office of Sustainability – The American University in Cairo Prepare, review and analyze Carbon Footprint data for AUC	July 2020 – Present
Committee Member 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.	July 2020 – Present
Committee Member 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.	July 2020 – Present
Committee Member 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.	July 2020 – Present
Committee Member 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.	July 2020 – Present
Committee Member Aptitude Test Committee Department of Architecture – The American University in Cairo Develop and update bank of questions, conduct and monitor and evaluate Aptitude test.	July 2020 – Present
Committee Member <b>Ad-Hoc Student Petitions' review committee</b> Department of Architecture – The American University in Cairo Review, assess, and resolve petitions and complaints submitted by ARCH student in Fall and Spring 2023	June 2023 – July 2023



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.

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

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.

Member and volunteer reviewer Fall 2021  
 Impact assessment (THE) committee, School of Sciences And Engineering – The American University in Cairo

**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.

**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.

**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

Member of the board December 2021 – Present  
 The Egyptian Facility Management Association (EGYFMA)  
 Elected as board member in December 2021.

Treasurer September 2019 – September 2020  
 Graduate Individualized Student Association (GISA) - Concordia University  
 Elected in September 2019. Administering the finances of the organization.

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

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.

Treasurer September 2016 – September 2017  
 Graduate Individualized Student Association (GISA) - Concordia University  
 Elected in September 2016. Administering the finances of the organization.

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

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.

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.**

**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.

#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

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

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.**

Founding Member November 2019 – May 2021  
 Sustainability Eco-system and Think Tank, Concordia University

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.

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.

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

- Volunteer Moderator October 2021  
 MTL Connect – Montreal Digital Spring  
 Took part in training and development to moderate two sessions in this hybrid event.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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**
- 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.**
- 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.
- 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.**

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

Camp counsellor

June 2008 – September 2008

Cairo American College, Cairo, Egypt

Teaching Assistant and Curriculum Development

## Professional experience

### Architectural design

Designer – Part time June 2009 – Present  
NG - Design office (Architecture Consultants)

Interior design intern December 2009 – February 2010  
Moinard - Bétaille. Architecture d'intérieur. Paris (France)

### Construction engineering

Site engineer, Intern June 2014 – August 2014  
Grand Egyptian Museum, Besix-Orascom JV, Cairo (Egypt)  
Construction supervision, design revision, prototyping for a 36,000 m<sup>2</sup> concrete folded plates system.

### Organization of events and exhibitions

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.

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.

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.

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.

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.

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.

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

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

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

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.

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](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#), [14](#), [15](#), [16](#), [17](#), [18](#), [19](#), [20](#), [21](#), [22](#)

<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=X3HUIBDy8Jc&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.html>SDGs

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>

Concordia Research Promo: <https://www.youtube.com/watch?v=UJ2zly9VDMo>

Vanier Canada Graduate Scholarship: [https://vanier.gc.ca/en/scholar\\_search-chercheur\\_recherche\\_2018.html](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](https://www.researchgate.net/profile/Sherif_Goubran)

Google Scholar: <https://scholar.google.com/citations?user=lzjk8NgAAAAJ&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)