

Paving the Way for a Sustainable Future

Embark on a transformative journey with American University of Sharjah (AUS) by becoming a vital part of the Energy, Water and Sustainable Environment Research Center (EWSERC). As a future contributor, envision yourself at the forefront of groundbreaking initiatives that address global challenges in energy, water and environmental sustainability. Your support opens doors to global collaborations with leading institutions, industry partners and government bodies, amplifying the influence of EWSERC's research on an international scale.

AUS believes in EWSERC's potential to drive meaningful change. The university has allocated the seed funds for the center and will continue providing the required operating funds.

Research Focus Areas

Renewable and Smart Energy System:

Be a catalyst for sustainable energy solutions that minimize environmental impact.

Water Security:

Contribute to solving challenges related to water scarcity, quality and efficient management.

Environmental Sustainability:

Shape the future by developing research aligned with environmental preservation goals.

Naming Opportunity

Ten-year naming rights for AED 30 million (depleted after 10 years)

Recognition

- · Recognition and naming rights
- Personalized updates
- Donor's Wall
- Gratitude Park
- · Impact reports
- Invitations to events
- Collaborative projects
- Advisory role
- Press releases
- Media interviews
- Lecture series
- Educational experiences
- Storytelling podcasts
- Exclusive communication channels
- Recognition in academic circles
- Annual appreciation event
- Naming of a legacy tree on campus

Pillars	Recognition and naming rights	Personalized updates	Donor's Wall	Gratitude Park	Impact reports	Invitations to events	Collaborative projects	Advisory role	Press releases and media interviews	Lecture series	Educational experiences	Storytelling podcasts	Exclusive communication channels	Recognition in academic circles	Annual appreciation events	Campus engagement and research update	Naming of facilities	Access to research outcomes	Patent co- sponsored	Personalized plaque	Publication recognition	Recognition signage
Named Endowed Chair-Accomplished Full Professor (AED 15 million; Perpetual) • Forever named after the donor. • Created under the center's activities.																						
Named Endowed Professorship-Associate Professor (AED 5 million; Perpetual) • Forever named after the donor. • Created under the center's activities.																						
Named Visiting Scholar in Residence (AED 1.5 million over two years) Covers salary and benefits of an Associate or Full Professor. Covers research funding, visiting scholars, publications, research activities, seminars, workshops and bi-annual conferences.																						
Named Post-Doctoral Fellowship (AED 1.1 million over two years) Covers salary and benefits. Covers research funding, visiting scholars, publications, research activities, seminars, workshops and conferences.																						
Graduate Fellowship (Named Fellows) Option One: AED 200,000/year for a full-time student. Option Two: AED 100,000/year for a part-time student.																						
 Naming of Facilities Water Distribution System Laboratory (AED 2 million): Provide free access for the sponsor to utilize the laboratory facility as needed. Equip the lab with essential tools such as ICP-MS, a TOC Analyzer, GC-MS and WaterCAD software for water quality analysis. Acknowledge the sponsor in any research activities or publications utilizing the lab's equipment for 5 years. Photovoltaic Energy Lab (AED 1 million): The lab will be equipped with two-axis controlled tilted PV panels, monitoring systems, a 50 kW PV farm, a weather station and a dust accumulation measuring system. Smart Grid Real-Time Simulation Lab (AED 1 million): The lab will include a state-of-the-art OPAL-RT system with various functionalities for smart grid implementation. 																						
Research Projects Funding (AED 500,000 per project) Water Security in Arid Regions: Evaluating UAE's water systems for sustainable management. Renewable Hydrogen Production: Advancing green hydrogen electrolysis for clean energy. Sustainable Water-Energy Nexus: Optimizing the UAE's desalination and energy for net-zero efficiency. AI-Enhanced Infrastructure Security: Developing AI-based cyber threat detection for UAE's smart cities. Piezoelectric Energy Solutions: Implementing piezoelectric energy harvesting to replace batteries. Industry-Demand Research Projects: The research team will prepare the budget based on the project scope and requirements.																						

