

MEHMET ARGIN, Ph.D.

Education

2001 - 2007 **Ph.D. in Electrical Engineering**, ARIZONA STATE UNIVERSITY
Arizona, USA

1998 - 2000 **M.S. in Electrical Engineering**, YILDIZ TECHNICAL UNIVERSITY
Istanbul, TURKEY

1992 - 1997 **B.S. in Electrical Engineering**, ISTANBUL TECHNICAL UNIVERSITY
Istanbul, TURKEY

Management/Administration Experiences

January 2020- Present **Dean**
Global Energy Center of Excellence
HOUSTON COMMUNITY COLLEGE
Texas/USA

March 2015- July 2016 **Associate Dean**
School of Engineering
MEVLANA UNIVERSITY (closed)
Konya/TURKEY

July 2012 – August 2014 **Superintendent/Chief Executive Officer**
MAGNOLIA PUBLIC SCHOOLS
California, USA

July 2010 – June 2012 **Superintendent/Chief Executive Officer**
SONORAN SCHOOLS DISTRICT
Arizona, USA

July 2009 – June 2010 **Principal,**
SONORAN SCHOOLS DISTRICT dba SONORAN SCIENCE
ACADEMY-DAVIS MONTHAN
Arizona, USA

July 2008 – June 2009 **Principal,**
SONORAN SCHOOLS DISTRICT dba PARAGON SCIENCE
ACADEMY
Arizona, USA

July 2006 – June 2008 **Principal,**
SONORAN SCHOOLS DISTRICT dba SONORAN SCIENCE
ACADEMY-PHOENIX
Arizona, USA

Professional Experiences

January 2020-Present

Dean (Full time-paid)
Global Energy Center of Excellence
HOUSTON COMMUNITY COLLEGE SYSTEM (HCCS)
Texas, USA

Responsibilities include serving as the Dean of Global Energy Center of Excellence. Highlights of my experience include the following:

- Lead credit programs including Instrumentation and Control Engineering Technology, Petroleum Engineering Technology, Process Technology, and non-credit continuing education programs including Industrial Scaffold Builder, OSHA, and Drilling Roustabout.
- Provide vision and leadership for educational planning, workforce and continuing education program development in accordance with the mission, vision, values and goals of the HCCS District; oversees the administration and monitoring of assigned programs and services to ensure compliance with established standards and requirements
- Develop strategies to increase retentions rates and improve student success; collaborate with other departments across the HCCS district.
- Manages and participates in the development and administration of the division's budget; directs the forecast of additional funds needed for staffing, equipment, and supplies; directs the monitoring of and approves expenditures; directs and implements budgetary adjustments as necessary.
- Assist grant writing process and oversee successful use of grant resources
- Coordinate curriculum development and changes based on Workforce Education Course Manual (WECM); Ensures implementation of the Coordinating Board requirements; monitors committee and faculty actions related to curriculum timely updates.
- Respond to faculty, staff, and student inquiries and complaints and assists with resolutions and alternative recommendations.
- Oversee recruitment activities at area high school career fairs and recruitment events; represent the center at conventions and workshops
- Secured \$75K grant from BP to support dual credit programs at area high schools
- Launched Process Technology Dual credit program at Alief Independent School District
- Launched Computer Servicing/Networks certificate program at Houston Independent School District (HISD)
- Developed partnership with Harris Health System for biomedical electronics specialization internship; Develop partnership with Texas A&M Engineering Extension Service (TEEX) to launch line worker program
- Lead efforts to establish partnership with 4-year colleges for transfer options; establish partnership with industry for job placement; oversee industry advisory board meetings.
- Coordinated and secured Perkins Grant over \$200K for workforce programs
- Teach Electronics Engineering technology classes; Designed and developed one Teaching and Learning Excellence (TLE) certified electronics course

August 2017-January 2020 **Instructor (Full time-paid)**
Engineering Center of Excellence
HOUSTON COMMUNITY COLLEGE SYSTEM
Texas, USA

Responsibilities include serving as the instructor for Engineering department. Highlights of my experience include the following:

- Graduate of Chancellor's Innovative Leadership Academy 2018-2019 Cohort
- Taught engineering classes
- Served as the Chair of Faculty Screening committee
- Served as the Faculty Senate member
- Served as the Subject Matter Expert for ENGR 2405 Electrical circuits course and assisted in the development of program goals and objectives
- Assisted in the preparation of S-STEM Track 3 Planning Grant Proposal
- Nominated to serve on the Texas A&M NSF SSTEM Grant as the HCC Engineering Faculty Collaborator.
- Designed and developed three Teaching and Learning Excellence (TLE) certified engineering courses
- Participated in high school career fairs and recruitment events to promote engineering careers

September 2016-June 2017 **Lecturer (Part time-paid)**
Department of Electrical and Computer Engineering
CAL POLY POMONA
California, USA

Responsibilities include serving as the lecturer in the Department of Electrical and Computer Engineering.

- Served in the Academic Master Plan Committee
- Graded papers and advised students
- Held office hours and assisted students

January 2015- July 2016 **Associate Dean, Engineering School (Full time-paid)**
Chair, Electrical and Computer Engineering Doctorate Program
Assistant Professor, Department of Electrical and Electronics Engineering
MEVLANA UNIVERSITY, TURKEY

Responsibilities include serving as the Assistant Professor in the Department of Electrical and Electronics and Associate Dean of the Engineering School. Highlights of my experience include the following:

- Lead four departments including Computer Engineering, Electrical and Electronics Engineering, Mechanical Engineering, and Mechatronics engineering with the direction of the dean
- Lead accreditation process of engineering programs through Association for Evaluation and Accreditation (similar to ABET)
- Developed partnership with industry and established one-semester internship program for seniors in the industry
- Administered the implementation of the university sponsored grant

- Administered ERASMUS+ Student Exchange Program for engineering students
- Developed curriculum for undergraduate and graduate level courses in electrical engineering
- Established a research group and oversaw supervision of over 10 students
- Developed curriculum for master's in Electrical and Computer Engineering Program
- Taught electrical and electronics courses

July 2012 – August 2014 **Superintendent/Chief Executive Officer (Full Time-paid)**
MAGNOLIA EDUCATIONAL & RESEARCH FOUNDATION dba
MAGNOLIA PUBLIC SCHOOLS
California, USA

Responsibilities include serving as the Superintendent of the Magnolia Public Schools, a Science Technology Engineering and Math (STEM) focused charter school district serving about 4,000 diverse student population in grades Kindergarten-12 at eleven (11) schools, working with the Governing board to develop goals, providing leadership to 300+ employees and overseeing the school operations, human resource administration, accreditation, finance and administration of grant and research projects on STEM and engineering education, administration of curriculum development and ensuring that the district focuses on its primary mission of student academic achievement and progress. Highlights of my experience included the following:

- Monitored \$30M district budget, and increased district's net asset in 2 years
- Established partnership with the Youth Policy Institute and awarded \$900,000 After School Education and Safety Program Grant
- Managed hiring and evaluation of school principals and central office executives
- Coordinated public relations and marketing activities throughout the district
- Coordinated district-wide teacher in-service trainings and professional development activities for common-core curriculum, STEM Expo, effective teaching.
- Oversaw and assist STEM and engineering clubs that received first place in Future City Competition, Jury Grand Prize at INFOMATRIX International Computer Science and Robotics Competition, and 2nd place in Cyber Cup.

July 2010 – June 2012 **Superintendent/Chief Executive Officer (Full Time-paid)**
SONORAN SCHOOLS DISTRICT
Arizona, USA

Responsibilities include serving as the Superintendent of the Sonoran Schools charter school district, a STEM focused charter school organization serving about 2,500 diverse student population in grades Kindergarten-12 at ten (10) schools, working with the Governing board to develop goals, providing leadership to 200+ employees and overseeing the school operations, management of facilities, finance, coordinating engineering and STEM clubs, developing curriculum, and ensuring that the district focuses on its primary mission of student academic achievement and progress. Highlights of my experience include the following:

- Monitored \$20M district budget, and increased district's student enrollment by 20%.
- Managed hiring and evaluation of school principals and central office executives
- Coordinated public relations and marketing activities throughout the district
- Coordinated district-wide teacher in-service trainings for effective teaching methods, technology use in classrooms, Love and Logic discipline model.
- Oversaw and assist STEM and engineering clubs that received State Championship in

MathCounts mathematics contest, numerous numbers of first places in AZSEF (Arizona Science and Engineering Fair), World Championship in FIRST Lego League Engineering Contest, special awards in FIRST Robotics, and 2nd place in Arizona Science Olympiad.

- Planned, and secured \$270K Education Activity (DoDEA) Educational Partnership Grant from Department of Defense
- Served on the Advisory Council for Arizona Charter Schools Association and coordinated district-wide luncheons and seminars with State legislators
- Initiated advisory board for the district

July 2009 – June 2010

Principal, (Full Time-paid)

SONORAN SCHOOLS DISTRICT dba SONORAN SCIENCE ACADEMY-
DAVIS MONTHAN
Arizona, USA

Responsibilities included the overall function and duties associated with leading a STEM focused 6th through 8th grades middle school. Highlights of my experience include the following:

- Started the first public charter school on US Air Force base installation.
- Prepared the school budget and monitored its implementation
- Managed hiring, retention and evaluation of school staff
- Led marketing activities for enrollment growth
- Conducted in-service trainings and organized professional development activities
- Chaired district grant committee and received competitive Arizona Charter Schools Incentive Program (AZCSIP) Grant for three schools in the amount of \$1,380,000.
- Led variety of competitive grant proposal as the chair of district grant committee.

July 2008 – June 2009

Principal, (Full Time-paid)

SONORAN SCHOOLS DISTRICT dba PARAGON SCIENCE ACADEMY
Arizona, USA

Responsibilities included the overall function and duties associated with leading a STEM focused Kindergarten through 8th grades elementary and middle school. Highlights of my experience include the following:

- Start-up principal of a charter school in a highly competitive neighborhood
- Designed curriculum incorporating STEM objectives for grades K through 8th
- Prepared the school budget and monitored its implementation
- Managed hiring, retention and evaluation of school staff
- Led marketing activities for enrollment growth
- Managed the operation of US Department of Education grant in the amount of \$450K.
- Oversaw Science Fair organizations that led receipt of many awards at AZSEF (Arizona Science and Engineering Fair).

July 2006 – June 2008 **Principal, (Full Time-paid)**
SONORAN SCHOOLS DISTRICT dba SONORAN SCIENCE ACADEMY-
PHOENIX
Arizona, USA

Responsibilities included the overall function and duties associated with leading a STEM focused Kindergarten through 9th grades school. Highlights of my experience include the following:

- Designed and implemented AMSP (Advanced Math&Science Program) for underrepresented student population.
- Designed summer school intervention programs for underserved students.
- Prepared the school budget and monitored its implementation
- Managed hiring, retention and evaluation of school staff
- Led marketing activities for enrollment growth
- Conducted annual teacher evaluation and organized workshops for school staff.

August 2004 – June 2006 **Teaching Associate (Part time-paid)**
Department of Electrical Engineering
ARIZONA STATE UNIVERSITY
Arizona, USA

Responsibilities included serving as the instructor for Energy Conversion and Transport Laboratory and Substitute in teaching Energy Conversion and Transport course.

January 2001 – July 2004 **Research Assistant, (Part Time-paid)**
Department of Electrical Engineering
ARIZONA STATE UNIVERSITY
Arizona, USA

Responsibilities included serving as the Research Assistant for power systems engineering division.

March 1998 – Dec 2000 **Teaching Assistant (Full time-paid)**
Department of Electrical Engineering
YILDIZ TECHNICAL UNIVERSITY
Istanbul, TURKEY

- Taught power systems courses and labs
 - XXX: Electrical Circuits Lab
 - XXX: Power Systems Analysis
 - XXX: Power Transmission Lines

Service & Volunteer Activities

- Houston Community College – Rigor summit Committee member (current)
- Houston Community College – Assessment Committee member (current)
- Houston Community College - Quality Enhancement Plan (QEP) Committee member (current)
- Economic Alliance Houston Port Region – Workforce Task Force member (current)
- North American Process Technology Alliance (NAPTA) - Outreach Committee member (current)
- Harmony Public Schools- Board of Directors (June 2022-Present)
- Houston Community College – Shared Governance Committee member (Jan 2022-June 2022)
- Houston Community College – Data and Analytics Work Team member (Jan 2022-June 2022)
- Houston Community College – Faculty Senate member (August 2018-January 2020)
- Houston Community College – Student Success Committee member (August 2018-January 2020)
- California State Polytechnic University, Pomona- Academic Master Plan Committee Member (Winter 2017 Quarter)
- Mevlana University-University-Industry Collaboration Coordinator (2015-2016)
- Mevlana University-Disabled Students Committee Member (2015-2016)
- Mevlana University-Ethics Committee Member (2015-2016)
- Mevlana University-Curriculum Development Committee Member (2015-2016)
- STEM-EXPO California Public Schools Exhibition Committee (2013-2014)
- MathMatters Competition Committee Member (2010-2013)
- Arizona Charter Schools Association-Advisory Council member (2012)

Honors & Awards

- Houston Community College – College Leadership Program 2021-2022 cohort
- Houston Community College - 21st Century Exemplary Faculty (2021)
- Houston Community College - 21st Century Exemplary Faculty (2020)
- Houston Community College - 21st Century Exemplary Faculty (2019)
- Houston Community College – Graduate of Chancellor’s Innovative Leadership Academy 2018-2019 cohort
- Wizard Academy – Graduate of Change Makers (2019)
- Houston Community College - 21st Century Exemplary Faculty (2018)
- Arizona State University Graduate Fellowship (2001-2006)

Professional Memberships

- Institute of Electrical and Electronics Engineering (IEEE)
- American Society for Engineering Education (ASEE)