

Tawfiq M. Al-Ibrahim

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Executive-Level Research & Development Professional Project Management | Senior Leadership | Process Implementation

Dynamic Leader with over 35 years of progressive experience working within Saudi Aramco, a global petroleum and chemicals enterprise. Instrumental in evaluating critical research data for use in developing strategic business plans and objectives. Skilled collaborator, able to cultivate strong relationships between staff, management, research facilities, and companies, to accomplish complex company operations. Technical proficiency in Word, Excel, PowerPoint, Plainsware, SAP, etc.

- Clean Energy
- Research & Development
- Leadership & Motivation
- Industry Networking
- Technology Deployment
- New Process Implementation
- Strategic Business Development
- Report Development & Oversight
- Staff Motivation & Development
- Building Key Relationships
- Project Management
- Budget Allocation & Review

PROFESSIONAL EXPERIENCE

SAUDI ARAMCO, Saudi Arabia and United States

1981 – 2016

Manager - Petroleum R&D Planning & Resources Management, 2014 – 2016

- Supervised staff operations, human resource responsibilities, training, and professional development, as well as providing expertise and mentorship.
- Oversaw compliance with health/safety/environment quality control and regulations.
- Communicated between upper management, staff, and industry professionals to ensure daily activities were completed efficiently and correctly, according to organizational protocol.
- Coordinated large technical events and managed the technical information center.

Petroleum Research Science Consultant, 2013 – 2014

- Consulted with cross-functional teams and management to make strategic decisions regarding R&D planning, domestic and international partnerships, and the expansion of the R&D portfolio.
- Networked with newly established Global R&D centers within North America to evaluate progress and outcomes.

Interim Director - R&D Collaboration, 2012 – 2013

- Spearheaded national and international collaboration activities between KAPSARC and industry leading energy related research centers and academic institutes for joint research studies in domestic energy and economic development, global energy markets and economics, and energy efficiency/productivity.

Head – Petroleum Biotechnology Program, 2009 – 2012

- Compiled and evaluated data to determine strategic business plans and short term operating plans.
- Managed technical reviews and project evaluations for research and field implementations.
- Conducted ongoing competency development for group members to ensure staff was up to date on latest industry practices and techniques.

Director - Petroleum Technology Program, 2007 – 2009

- Assessed and facilitated the budget and hydrocarbon technology project portfolio.
- Reviewed, vetted, and approved technology operating plans and issued technology final reports. Checked report documents for quality, accuracy, and completeness.
- Responsible for approval of field deployment of upstream and downstream research projects.

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Chief Technologist - Petroleum Microbiology R&D, 2000 – 2007

- Organized technical support and conducted technology transfer projects, business plans, strategic objectives, operating systems, accountability reports, contracts and professional development.

Oil & Gas Sr. Lab Scientist (R&D), 1995 – 2000

Saudi Aramco Research and Development Center (KSA)

Oilfield Chemical Engineer, 1993 – 1995

Saudi Aramco Consulting Services (KSA)

Oilfield Petroleum Engineer, 1991 – 1993

Saudi Aramco Southern Area Producing Engineering (KSA)

Oil & Gas Lab Scientist, 1990 – 1991

Saudi Aramco Central Laboratories (KSA)

Petroleum Industrial Training, and Higher Education, 1981 – 1990

Saudi Aramco Development Program (KSA & USA)

EDUCATION & CREDENTIALS

Master of Science in Project Management (O&G), University of Liverpool, United Kingdom

Bachelor of Science in Chemistry, University of Alabama, United States

Professional Development:

Business Assignment - R&D / Aramco Services Company, USA (2014-2016)

Business Assignment - King Abdullah Pet. St. & Research Center (KAPSARC), KSA (2012-2013)

Visiting Researcher - Institut Francais Du Petrole (IFP), France (2008-2009)

Internship – Champion Technologies, USA (1998-1999)

Select Publications:

“Applications of Nitrate in Petroleum Biotechnology”

“Modern Strategies of Monitoring Microbially Induced Corrosion”

“Sensing Technology for Monitoring Seawater Injection Systems”

“Diagnostic Molecular Microbiology Toolbox for Oil Industry”

“Biodegradation of Petroleum Hydrocarbons in Landfarm Soil: Effect of Nutrient”

“Use of Sewage Sludge as Amendment in Soil”

“Fouling Investigation of an RO System that Utilizes Sewage Effluent as Feedwater”

Professional Affiliations:

American Chemical Society - Saudi Chapter - Chairman (2007)

Exhibition Committee, CHEMINDIX - Chairman (2004)

Technical Committee, CHEMINDIX - Chairman (2002)