



# SHAUNNA F. BLACK

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## SUMMARY

An innovative and highly accomplished Operations | Manufacturing Executive enabling businesses to rapidly solve complicated problems. Shaunna has managed operations internationally in 25 countries and her methodology delivers extraordinary performance utilizing the power of diverse, multi-generational teams and metrics-driven systems. She has expertise in leadership and team development, technical and systems design, and production methodology in the technology, industrial, manufacturing and hospitality sectors. Her executive career has provided significant experience in strategy, global operations, technology, risk management and sustainability. Shaunna has served on Audit, Governance, Safety/Risk and M&A Committees.

BUSINESS TURNAROUND

LEAN MANUFACTURING

5S METHODOLOGY

CYBER SECURITY

STRATEGY/ CULTURE DESIGN

SUSTAINABLE DESIGN

SERVANT LEADERSHIP

BOARD MEMBERSHIP

## EXPERIENCE

### **NEW WORQ, LLC** | Dallas, Texas

Managing Partner, Advisory, Operations and Turnaround 2017- Present

Founded an advisory firm of experienced operational executives who have worked in various industries for over 30 years. Help improve business performance.

### **VENTURE PACIFIC GROUP INTERNATIONAL, LLC** | Addison, Texas

Managing Partner, Advisory, Global Operations and Turnaround 2013-2016

Founded an advisory firm of seasoned, global leaders providing customized solutions and services for executive business leaders enabling them to quickly execute projects and solve complicated problems.

### **ORYON TECHNOLOGIES** | Addison, Texas

Vice President, Global Manufacturing 2012-2013

Responsible for global manufacturing. Responsibilities included product design, manufacturing, production support, international sourcing, planning, engineering, logistics, and quality.

## EXPERIENCE CON'T

### **DONGBU HITEK SEMICONDUCTOR** | Seoul, Korea

Senior Vice President, Manufacturing 2010–2012

Responsible for the manufacturing division for Dongbu HiTek Semiconductor Business of the Dongbu Group and 650,000,000 USD in revenue for high-volume analog foundry company. Responsibilities included manufacturing in production factories, production support, process engineering, equipment engineering, test engineering, planning and finance, quality, ESH, facilities, and shipping. Responsible for 1500 employees. Expat in Seoul, Korea for 2.5 years. Improved safety performance by 50%, process quality to 99% yield, cycle time by 28%, cost by 15% and retention by 40%.

### **TEXAS INSTRUMENTS INCORPORATED** | Dallas, Texas

Vice President, Worldwide Facilities 2005–2009

Responsible for design, construction, operations, and maintenance of facilities worldwide, including Environmental, Safety and Health (ESH), security, and real estate. Directed staff of 1,500 professionals in 25 countries. Oversaw annual budget of \$400,000,000. Facilitated environmental, safety and health programs in addition to physical security. Managed \$600,000,000 real estate portfolio, workplace strategy, and sustainability strategy. Reduced major interruption by 50%, and attained \$10,000,000 annualized savings globally. Saved \$12,000,000 in annualized utility savings. Completed \$605,000,000 of capital projects including a 1,100,000-square-foot water fabrication facility in Richardson, Texas (Gold LEED certified) and an 800,000-square-foot assembly test facility in Clark, in Philippines (Silver LEED certified). Achieved best safety record in Semiconductor Industry Association (SIA) for five consecutive years. Reduced waste to 5% of resources purchased. Attained 95% participation in worldwide people engagement survey, with 80% favorable response on questions.

#### **Vice President, Manager DFAB 2000–2005**

Oversaw \$1,500,000,000 in revenue for high-volume analog wafer fabrication facility. Responsible for product engineering, process engineering, equipment engineering, manufacturing, planning and finance, quality, human resources, facilities, and shipping. Directed staff of 1,400 professionals. Increased productivity by 50%, reduced cost by 35%, reduced cycle time by 66%, improved customer satisfaction to 98%. Achieved zero accidents. Implemented 5S Methodology, Total Productive Maintenance, and Kaizen Blitz. Received National Safety Council Perfect Record Award.

#### **Vice President, Manager of Worldwide Facilities 1998–2000**

Coordinated operations and maintenance of production facilities worldwide and managed worldwide ESH programs. Held responsibility for 800 professionals in 15 countries, as well as a \$276,000,000 annual budget. Reduced cost by 18%, improved productivity by 24%, outsourced 25% of the division's services, reduced safety incident rates by 23%, reduced cost of unplanned interruptions by 44%. Completed the total equipment conversion of two major wafer fabrications from 150 mm to 200 mm, on time and within budget.



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## EXPERIENCE CON'T

### Vice President, Manager Worldwide Environmental, Safety and Health 1995–1998

Responsible for ESH strategies and programs worldwide. Directed 150 professionals in 25 countries. Created and implemented TI's "zero accidents" and "zero wasted resources" global strategy. Initiatives enabled TI to achieve sites worldwide with "zero accident" annual records and reduced more than \$50 million of resource waste through conservation programs such as non-hazardous solid waste recycling, chemical reduction and reuse, and energy conservation. TI's results were nationally and internationally recognized with 15 prestigious awards in just 1997 alone.

## EDUCATION



### **NEW MEXICO STATE UNIVERSITY**

Las Cruces, New Mexico  
B.S., Mechanical Engineering



### **THE UNIVERSITY OF TEXAS AT AUSTIN**

Austin, Texas  
B.S., Education

## BOARDS

### **Entegra Technologies**

Cyber security for infrastructure company  
Dallas, Texas, Board Member 2014-present

### **Alliance of Technology and Women**

Advisory Board 2014-present

### **University of Texas, Austin Engineering**

Advisory Board, Board Member, 2007–present

### **Institute for Excellence in Corporate Governance**

University of Texas, Dallas, 2015-present

### **Design Connect Create**

Board Member 2014-present

### **YWIRE Technologies**

Broadband over powerline communications company  
Canada, Board Member 2010-2015

### **Metroplex Technology Business Council**

Board Member, 2005-2009

**University of Texas, Austin Mechanical Engineering  
Advisory Council, Member, 2003–2009**

### **Texas Instruments' Foundation**

Board Member, 2003–2009

### **High Tech High Heels**

Board Member, 2000-2013

### **Menttium 100**

Executive Mentor, 1998–2008

### **Dallas Women's Foundation**

Board Member, 2003–2007



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## HONORS & AWARDS

Inducted to Hall of Fame, Women in Technology International  
Lifetime Achievement Award, Alliance of Technology and Women  
Honorary Mechanical Engineer, University of Texas at Austin  
Maura Women Helping Women Award, Dallas Women's Foundation  
Top 15 Women in Business - The Glass Breakers, PINK Magazine  
Tech Titans Community Hero Award, Metroplex Technology Business Council (MTBC)  
Frank Bromilow Distinguished Lecturer  
Circle of Honor, Dallas Women's Foundation  
Woman of Achievement, Richardson YWCA

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## PERSONAL

Shaunna is the granddaughter of immigrants, the oldest of five children, and the daughter of a nurse and a geophysicist, whose work in the oil industry moved them around the USA and overseas. After completing middle and most of high school in Australia, Shaunna returned to Texas and earned a BSEd at UT Austin before teaching high school for 5 years. In 1981 Shaunna returned to school fulltime and in 1984 graduated with a BSME, a two-year-old daughter and a six-month-old son. Her daughter, Erica, graduated with a B.S. in Mathematics from OU and her two sons, Derek and Nathan, graduated from UT Austin with a BSME and MPA respectively.

Shaunna has a passion for unleashing the potential of all people. She has committed her talent, time and finances to increasing the diversity of students graduating with STEM degrees and selecting STEM careers.



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