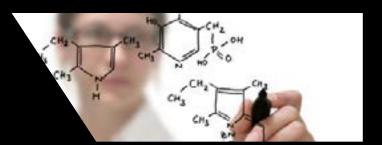


# Annual Report 2015









Regional Workforce Leadership Council

## **OVERVIEW**

#### THE PRESENT

#### Industry Clusters are a Texas Priority...and the DFW Region Leads the Way.

The Dallas/Fort Worth Regional Workforce Leadership Council (RWLC) is the driving force for a cooperative approach to promoting the region's strongest industries. Following the industry cluster concept popularized by Michael Porter and the directives of the Governor's Industry Cluster Initiative, the RWLC has focused on supporting the region's key clusters. The RWLC works to meet industries' needs through the collaboration of the local workforce boards, chambers of commerce and business leaders. By addressing the employment, training and certification needs of the region's industries, the RWLC aids in the further growth and success of the Dallas/Fort Worth economy. To date, the RWLC has received over \$12 million in grants for training and educational initiatives that meet the needs of DFW regional employers.

#### **National Recognition**

In 2008, the RWLC received two prestigious awards commending it for its innovative work:

- The National Association of Workforce Boards' (NAWB) Theodore E. Small Partnership Award Distinguished Honoree for innovative business-led community partnerships; and
- The U.S. Department of Labor Honorable Mention for Building a Regionally Focused Workforce Strategy, which recognizes talent development programs from around the nation that have achieved outstanding success.

#### Impact on Local Industry/Employers

To date, the RWLC has created clusters in the following areas: Aerospace, Healthcare, Infrastructure, Logistics (Advanced Manufacturing and Supply Chain) and Technology. This annual report outlines the impacts the RWLC has had in these industries over the past year, as well as plans for continuing the region's success.

The achievements made throughout the past year reflect the dedicated work of the RWLC, but more importantly, they are a testament to the continuous support of the business community. The RWLC looks forward to continued collaboration with our major industry leaders in developing initiatives that increase the region's global economic competitiveness.

#### THE FUTURE

#### Be Part of the Future

The future of the RWLC will be driven by the needs of the industries it serves. Additionally, the organization will continue to seek out opportunities to support the growing industries in the region. The active participation of business, education and community leaders will ensure the continued success of the RWLC and the region's economy. Get involved now. Contact the appropriate Cluster Manager to see how you can get your organization involved in cluster activities.

#### **BACKGROUND**

The DFW Regional Workforce Leadership Council (RWLC) was formed in 2002 with a Memorandum of Understanding between the Dallas, North Central Texas and Tarrant Workforce Boards and the Arlington, Dallas and Fort Worth Chambers of Commerce that guided the work of developing industry clusters. Led by business, the RWLC has functioned as the convener and connector for the formation and ongoing development of the regional clusters. The membership also includes representatives from the targeted industries as well as important education partners.



#### **2015 LEADERSHIP**

Carey O'Connor, Chair Flowserve Corporation

#### **MEMBERS**

Angela Farley Dallas Regional Chamber

Jon Gustafson Lockheed Martin Corporation

Laurie Bouillion Larrea Workforce Solutions Greater Dallas

Judy McDonald Workforce Solutions for Tarrant County

Cynthia Fisher Miller Fort Worth Chamber of Commerce

Dan Naegeli University of North Texas

Karen Nolen-Austin Arlington Chamber of Commerce

David Setzer Workforce Solutions for North Central Texas



## **AEROSPACE**

#### **VISION/MISSION STATEMENT**

To be the regional center of excellence in meeting the education and workforce needs of the Aerospace Advanced Manufacturing and Aviation Industry.

#### THE KEY DRIVERS OF THE CONSORTIUM

- Industry led
- Shows value to industry
- Supports outreach to K-16 education and
- Career and Technical Education (CTE) programs

#### **BACKGROUND**

Since 2003, Bell Helicopter, Lockheed Martin and Triumph Aerostructures - Vought Aircraft Division have led the Aerospace Consortium. The companies have been instrumental in the creation of the "Gotta Jet?" career awareness program for students and their parents as well as the development of a common entry-level training program for future employees. With the support of the Arlington and Fort Worth Chambers, Workforce Solutions for Tarrant County, the Texas Manufacturing Assistance Center and Hillwood Properties, the Consortium continues to make important contributions to the North Texas region. As one of the key industries for the region, aerospace manufacturing employs workers in over 75 companies, and promotion and training programs developed by the Aerospace Consortium will ensure that there is a pipeline of future employees for years to come.

#### **KEEPING TEXAS WORKING**

Engineer Job Connect (EJC), Workforce Solutions for Tarrant County's H-1B Technical Skills Training Grant from the Department of Labor provided reimbursement funds to companies who needed to find new talent. The funds helped to offset the extraordinary cost of Onthe-Job training for newly hired engineers. The objective was to place unemployed engineers in industries across the DFW area to reduce the need for imported foreign labor. EJC Progress to date: 406 EJC applicants were enrolled. Training completion for 338 took place, while 68 applicants remain in training. The employment retention rate is 100%, with an average salary range of \$65,353 per applicant.

The industry sectors represented are Construction, Aerospace, Advanced Manufacturing, Information Technology, Defense, Transportation, Electronics, Civil, Oil and Gas. Across the DFW region, 37 employers benefited from the EJC program. Some of those companies include; Airbus Helicopter, Bell Helicopter, Brandt-Companies, Elbit Systems, Fluidic Techniques, Klein Tools, Lockheed Martin, Mouser Electronics and more.

#### SUPPORTING THE PIPELINE

Support for the pipeline is enhanced by the Career and Technical Education (CTE) Directors' Advisory Committee facilitated by Workforce Solutions for Tarrant County. The CTE Committee is comprised of nineteen school districts throughout the region, and the Fort Worth Chamber, Region 11 Education Service Center, Tarrant County College, InterLink, Inc., the Tarrant and North Central Texas Workforce Boards.

The Committee supports education initiatives including dual credit programs and the State's HB 5 legislation which creates new opportunities for CTE students. The CTE Committee is a venue for sharing pertinent educational and industry information that can result in quality curricula that meet industry's standards, while preparing the way for our future workforce.



#### CLOSING THE GAP

Training Opportunities offered through Tarrant County College (TCC) and the Community Learning Center (CLC):

- Aircraft Assembly Classes
- Aerospace Manufacturing Training Program (AMTP) Aviation Maintenance and Avionics Technology
- Computer Numerical Control and Conventional Machinist
- Composite Bonding
- Manufacturing Skills Standards Council national certification program
- Welding

Industry Supported Science, Technology, Engineering and Math (STEM) Programs and projects include:

- Project Lead the Way (PLTW): nationally recognized high school pre-engineering program with scholarship opportunities
- Industry Mentoring programs, Summer Intern programs for teachers and Engineers in the Classroom
- The industry led "Gotta Jet?" and "Gotta Make It?" project, which developed informational DVDs and brochures on aerospace careers for students, parents and teachers
- Local School Districts that support PLTW and other STEM Projects: Arlington, Birdville, Burleson, Carrollton, Crowley, Dallas, Fort Worth, Keller, Mansfield and Northwest

#### **ACTIVITIES**

- The DFW Regional Aerospace Consortium hosted an informational breakfast meeting
  on June 12, 2015 at Lockheed Martin Aeronautics to discuss industry needs and grow the
  membership of the consortium. Twenty-one Aerospace and Manufacturing companies
  attended along with seven educational institutions. Guests included State Senator Kelly
  Hancock, Texas Workforce Commission Chairman Andres Alcantar, Keith Graff, Director
  of Aerospace, Aviation and Defense from Governor Greg Abbott's office and Tony Bennett,
  Director of the Texas Association of Manufacturers.
- Partnered with North Central Texas Council of Governments on an aviation/aerospace website for students to explore career opportunities http://www.nctaviationcareers.com/.
- The DFW Aerospace Consortium in coordination with the North Central Texas Council of Governments is working to launch an Aerospace/Aviation gamification application for smart phones and computers in 2016. The target audience for the application will be middle and high school students. The consortium is working with our regional academic partner, University of Texas at Arlington (UTA), to develop this application and display the online gaming stats on NCTaviationcareers.com website.
- Distributed Aerospace/Aviation branded marketing material to local school districts in Tarrant County.



#### **2015 INDUSTRY MEMBERS**

Airbus Helicopter

AllianceTexas - A Development of Hillwood

Bell Helicopter

Elbit Systems of America

**GE Manufacturing Solutions** 

Klein Tools

**Lockheed Martin Corporation** 

Sikorsky, A Lockheed Martin Company

Texas Aerospace Engine Service Limited (TAESL)

Triumph Aerostructures – Vought Aircraft Division

Turbomeca, USA

#### PARTNER MEMBERS

Arlington and Fort Worth Chambers of Commerce

Community Learning Center (CLC)

CTE Directors' Advisory Committee Representing 19 school districts

North Central Texas Council of Governments

Tarrant County College

Texas Manufacturing Assistance Center

University of Texas at Arlington

Workforce Solutions for Tarrant County

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## **HEALTHCARE**

#### **VISION STATEMENT**

The healthcare and life sciences community in the Dallas-Fort Worth (DFW) region generates the most progressive, innovative, and cost-effective strategies for attracting, educating, and retaining the finest workforce in the United States.

#### STATEMENT OF NEED

The sustainability of regional economic strength in DFW is highly dependent on the availability of a qualified workforce to support key industry clusters. Amid stiff competition for talent and dramatic changes in the delivery of healthcare services, the Healthcare Cluster provides an opportunity to collaboratively address industry challenges and solve short- and long-term industry needs. The Cluster provides neutral ground for providers to accomplish what no single entity can accomplish alone. Cluster efforts focus on three key areas:

- Providing a venue that promotes collaborative innovation;
- Anticipating and assessing workforce trends and needs in the healthcare industry;
- Seeking out and implementing best practices, or designing new flexible systems to address those needs.

#### **BACKGROUND**

According to a study prepared by the University of North Texas Center for Economic Research and Development on behalf of the Dallas Regional Chamber, as of 2013 the total value added by the healthcare industry in the Dallas-Fort Worth region amounts to \$52 billion, annually. This places the healthcare industry among the largest sectors in DFW, representing 15 percent of all regional economic activity. The healthcare industry is expected to continue to grow as our population expands, and as baby boomers age. As a result, the overall economic impact of the DFW healthcare industry will likely continue to increase in the coming years. The healthcare cluster aims to address workforce gaps by increasing career opportunity awareness at all levels, offering professional development, and coordinating industry-specific training to meet the needs of the healthcare sector.

#### **KEY ACCOMPLISHMENTS TO DATE**

- Partnered and collaborated with the University of North Texas System on Professional Science Masters (PSM) degree.
- Produced by D Magazine Partners, the Dallas Regional Chamber assisted in the launch of D Healthcare Daily, a news and information site that focuses exclusively on the business of healthcare in the North Texas region (found at http://healthcare.dmagazine.com/).
- Hosted Annual Health Care Conference focusing on healthcare policy.
- Worked closely with regional workforce leaders to contribute to the JPMorgan Chase Foundation New Skills At Work report featuring Healthcare as a primary Middle-Skill career area in the DFW region.

- Supported El Centro College for a \$750,000 Skills Development Fund grant application to the Texas Workforce Commission.
   The grant will provide customized training to assist the Hospital Corporation of America train new registered nurses, ultrasound and MRI technicians, Respiratory Therapists and additional healthcare jobs.
- Hosted the Health Systems CEO Council, meeting quarterly and providing opportunities for health care leaders in the region to collaborate on key health care policy issues.
- Texas Health Resources (THR) partnered with Dallas County Community College District to offer career pathway classes at THR hospital.
- Formalize ongoing series of Veteran's Education and Recruitment Fairs throughout the region.
- Advocate during the 2015 Texas Legislative session for regional healthcare needs.
- Host a region-wide Health Care Career Fair in partnership with Workforce Solutions of Greater Dallas, Dallas County Community College District (DCCCD), regional hospital systems, and colleges and universities.



#### **FUTURE ACTIVITIES**

- Publish a follow up "The Health Care Impact," an evaluation of the industry's contribution to the Dallas-Fort Worth regional economy for 2016 (www.dallaschamber.org).
- Cultivate relationships with private healthcare funders to seek assistance in crafting
  proposals to implement innovative recruitment, training, and retention programs for highdemand healthcare occupations.
- Partner with established a Healthcare Workforce Council for human resource professionals in the healthcare industry.
- Work with the DCCCD Health Career Resource Center to assess participant eligibility for entering the New Skills at Work program to move current CNAs along a healthcare career path.
- Host a series of focus groups with healthcare industry leaders in human resources, talent acquisition, and workforce development to strategically align Cluster activities with employer needs.
- Plan and prepare for cluster Healthcare policy advocacy in the 2017 Texas Legislative session.



#### **2015 INDUSTRY MEMBERS**

Baylor Scott & White Health

Children's Medical Center

North Texas Health Care System

**DFW Hospital Council Foundation** 

**Health Careers Resource Center** 

Medical City Hospital

Methodist Health System

Parkland Hospital

Tenet Healthcare Corporation

**Texas Health Resources** 

Texas Scottish Rite Hospital for Children

University of Texas at Arlington

University of Texas at Dallas

University Medical Center, Inc.

**UT Southwestern Medical Center** 

#### **PARTNER MEMBERS**

Dallas Regional Chamber

Dallas County Community College District

Workforce Solutions Greater Dallas

#### **CONTACT INFO**

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## **INFRASTRUCTURE**

#### **VISION STATEMENT**

The Infrastructure Sector guarantees the future of the Dallas/Fort Worth (DFW) regional economy. Infrastructure industries provide the technical structures needed to build roads, bridges, tunnels, water supply, sewers, electrical grids, and telecommunications. By generating progressive, innovative, and cost-effective strategies for attracting, educating, and retaining the finest workforce in the United States, the Infrastructure Sector members are strategically tackling some of the biggest challenges of our nation.

#### STATEMENT OF NEED

The sustainability of regional economic strength is highly dependent on the availability of a qualified workforce to support key industries. As state and federal governments continue to promote infrastructure projects as a means to grow the economy, industries associated with infrastructure design, construction, and maintenance find themselves at the forefront of workforce development.

North Texas already benefits from spending and job growth related to improving the nation's most critical infrastructures. For example, RWLC Infrastructure Cluster partners are implementing surface transportation projects totaling over \$10.5 billion in the DFW region. For every three construction jobs created, five jobs are created in other sectors of the economy.

Nationally, by investing in infrastructure, we protect \$3.1 trillion in Gross Domestic Product (GDP) and 3.5 million jobs. Projections show that employment in the Construction sector alone is expected to grow substantially through 2022. In fact, the Bureau of Labor Statistics (BLS) expects total occupations in the Highway, Bridge and Construction Industry to increase by 23.1%. With the sixth largest highway system in per capita lane miles, DFW will continue to be an employment growth area as new roadways are authorized and existing roadways undergo capacity expansion. The BLS also projects robust growth in industries that construct communications, utility and other modes of transportation infrastructure.

#### **BACKGROUND**

DFW is a vibrant and growing economic force with a wealth of diverse employers and job seekers. Almost 31% (959,636) of regional employment is devoted to infrastructure building and/or maintenance. In recognition of this considerable economic impact, Workforce Solutions Greater Dallas (WFSDallas) established an Infrastructure Cluster to serve the workforce needs of participating industries. The Infrastructure Cluster began in October 2010 when employers in the surface transportation industry approached WFSDallas seeking assistance in meeting contract goals for non-traditional employees.

As the partnership took shape, WFSDallas expanded the scope of its workforce service offerings to address the shortage of skilled candidates and career pathway preparation for Infrastructure Cluster members. The Cluster's efforts to address these workforce needs will serve to promote regional economic development from direct spending and improved regional mobility.

As the Infrastructure Cluster has evolved, WFSDallas has aligned the initiative with national efforts to promote the industry. WFSDallas joined with other national leading organizations in sponsoring National Infrastructure Week 2015. Organizations participating included the full spectrum of business, labor, and public policy advocates focused upon addressing the critical importance of investing in and modernizing America's infrastructure systems, which are essential to our economy. While many affiliates highlighted our outdated roads, bridges, ports, airports, water, energy, and broadband systems that remain a drag on our national recovery, WFSDallas focused upon developing the future workforce to address the growing employer needs. Only through resource investment in talent development can we sustain economic growth in industries highly dependent on the availability of a qualified workforce.





#### **KEY ACCOMPLISHMENTS TO DATE**

- Received 2015 Service to Business Award from the Texas Workforce Commission for customized recruitment and supported training for more than 1,400 new hires at AT&T, a Sector member.
- Sponsored Dallas Infrastructure Week 2015 (May 11-15, 2015) in conjunction with national affiliates with the goal of promoting industry and workforce investment. The Dallas events kicked off with a major Career Fair and hiring event on May 11th that included an employer forum discussing workforce needs.
- Organized three major region-wide job fairs and 100+ smaller hiring events to address employer workforce needs.
- Engaged Pegasus Link Constructors to identify high priority occupations for the Horseshoe Project in Downtown Dallas, and hosted monthly hiring events at workforce centers.
- Continued partnership with AT&T to identify high demand positions due to system
  expansion, turnover and workforce supply issues, and developed strategies to ensure the
  availability of qualified job candidates; established contacts in other workforce development
  board areas in Texas to address communications network workforce needs based on local
  market conditions.
- Continued partnership with the Associated General Contractors of Texas (Highway, Heavy, Utilities and Industrial Branch) to determine industry needs and to disseminate information to member contractors.
- Continued partnership with the Texas Department of Transportation (TxDOT) to coordinate logistics for bidder's conferences and to provide local contractors with workforce information and services.

#### **FUTURE ACTIVITIES**

- Continue sponsoring Dallas Infrastructure Week 2015 to promote industry needs and opportunities.
- Continue to host forums with infrastructure industry leaders in human resources, talent acquisition, and workforce development to strategically align Cluster activities with employer needs.
- Continue to identify skill needs and skill shortages for the current and future workforce.
   Promote Adult Education and Literacy opportunities for new and incumbent workers to make them better able to access middle-skill positions within the infrastructure industry.
- Continue outreach to small and medium-sized employers to offer training and recruitment services.
- Continue to expand participation from employers representing different facets of infrastructure development, including aviation and energy.
- Further enhance web presence to provide industry cluster information and develop a market identity as part of the WFSDallas employer website renovation.
- Develop a strategic plan to ensure systemic expansion of the DFW infrastructure workforce pool.
- Continue to seek grants and other resources to fund the initiative.

#### **2015 INDUSTRY MEMBERS**

**AGL Constructors** 

AT&T

**Atlus Traffic Services** 

**Bluebonnet Contractors LLC** 

**K Strategies** 

Kiewit

**Pegasus Link Constructors** 

Texas Department of Transportation

Trinity Infrastructure LLC

**Turner Construction Company** 

#### **PARTNER MEMBERS**

Associated General Contractors of Texas

City of Dallas

Dallas County Community College District

North Central Texas Council of Governments

**Texas Construction Career Academy** 

**Workforce Solutions Greater Dallas** 

#### **CONTACT INFO**

Linda Davis

Workforce Solutions Greater Dallas Ross Tower, 500 N. Akard Street, Suite 3030 Dallas, Texas 75201 214-290-1000 Idavis@wfsdallas.com

www.wfsdallas.com



## LOGISTICS

#### **VISION STATEMENT**

Engage industry members, regional school districts, community colleges and economic development agencies in the continued development of a sustainable and certified logistics workforce.

#### **STRATEGIC PLAN**

- 1. Promote Logistics, Supply Chain and Advanced Manufacturing capabilities of the North Texas region including the education and training of the workforce.
- 2. Expand our existing relationships between employers, academic and government partners for the identification of best practices, shared resources and training curriculum to enhance economic development in the region.
- 3. Produce the Certified Logistics Technician (CLT) certification, an industry defined, nationally validated skill standard, in our partnership with the Manufacturing Skill Standards Council (MSSC) and industry. Our plan seeks to preserve our connection with industry to ensure the scope of information contained within the CLT curricula is maintained and adequately relates to current workforce requirements.
- 4. Utilize panel discussions and regional meetings to educate employers about training resources in logistics, supply chain management and advanced manufacturing.
- 5. Work with our local Independent School Districts and Career and Technical Education (CTE) programs to introduce the MSSC certifications into their curricula.
- 6. Distribute the CLT Impact and Sustainability Report describing the long term impact of the CLT Certification on the logistics industry partners. To view this report visit https://www.dfwjobs.com/business/successstories.asp.



#### CLT Certification presented CLT Certification presented NTSCC established First Workforce Summit at NASCO conference at NASCO conference Second Workforce Summit by WSNCT introduced CLT Certification in Quebec City in Des Moines highlighted employers July May June Sept March Oct March Oct June 2010 2009 2009 2010 2010 2009 2006 2006 2009 Second DOL grant awarded First CLT Class graduated DOL Grant awarded to develop The Journey to expand CLT training and certified Starts Here webpage MSSC CIT certification and video created

#### **BACKGROUND**

Because of its critical role as a state, national and global leader in Logistics operations, the North Texas region is a prime location for creation of a Logistics and Supply Chain Industry Cluster and training program. The North Texas region is located along two central corridors that support the regional network of inland ports in the DFW metro area and the Dallas/ Fort Worth International Airport. It is a staging area for truck, rail and air cargo into the United States carrying goods from the Texas Gulf Coast, West Coast and Mexican deep-water ports through the DFW region and into upper Midwest, eastern United States and Canadian markets and is recognized as the leading intermodal distribution center in the Southwest as well as one of the top distribution centers in North America.

DFW has access to five major interstate highways, more than any other major metropolitan region in the United States. DFW is also home to the nation's second largest railroad, two additional Class 1 freight line rail carriers, more than 600 motor carriers and over 100 freight forwarders. Due to the region's central location in North America, a pro-business climate and availability of land, the region enjoys a significant cost advantage when compared to other major distribution hubs in the United States.

#### CLT Progress to date

Assessments		Increase*	Credentials	Increase*	Passing Rate
CPT	95,695	30,540	74,591	23,209	78%
CLT	18,522	5,477	12,460	3,315	67%
Total	114,217	36,017	87,051	26,524	76%

<sup>\*</sup>Manufacturing Skill Standards Council. Infrastructure Report. Publication no November 2015





CLT Certification featured						
at the 18th Annual						
Logistics & Manufacturing						
Symposium in Laredo						

TI: 1144 15 6

CLT presented to Hidalgo

	& Manuta osium in La		highlighted CLT progress		Development Agency	
June	Sept	Nov	Apr	May	Sept	March
2011	2011	2011	2012	2012	2012	2014
ogistics Academy created		Presented CLT Certificati	on	CLT presented to Wo	rk	Release of study

Logistics Academy created to support school systems Presented CLT Certification at the 2011 Workforce Conference in Houston

CLT presented to Work Standards Training Board Secretariat of Economy, Mexico

**2015 INDUSTRY MEMBERS** 

AllianceTexas – A Development of Hillwood

Ben E Keith

Genco

**Special Products Manufacturing** 

#### PARTNER MEMBERS

Collin College

Community Learning Center, Inc.

Manufacturing Skill Standards Council

**NASCO** 

Navarro College

North Central Texas College

**Tarrant County College** 

Texas Manufacturing Assistance Center

Workforce Solutions for North Central **Texas** 

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## **TECHNOLOGY**

#### **VISION STATEMENT**

Enable the Dallas/Fort Worth region to become the premier ecosystem of innovation in Texas through effective educational partnerships.

#### **MISSION STATEMENT**

To significantly increase the science, technology, engineering and math workforce in North Texas via K-12 and post-secondary initiatives through enhanced school and business partnerships.

#### **STRATEGIES**

- Provide opportunities for industry to build and influence the future workforce.
- Offer relevant, inspiring, student-focused Science, Technology,
   Engineering and Math (STEM) experiences in the latest technology.
- Provide professional development opportunities for educators and industry representatives.
- Create awareness of local post-secondary educational resources.

#### **CURRENT PROGRAMS**

#### Speakers' Bureau

The Speakers' Bureau consists of more than 75 engineers and scientists who provide presentations and demonstrations to elementary, middle and high school students, educators and local college faculty each year. Engineers and scientists from sustaining partner companies present to more than 5,000 students each year, the majority of whom have little prior understanding of STEM fields of study and career fields. Educators interested in bringing a speaker into their classroom, or inviting one to participate in an event can make a request through the Dallas Fort Worth Technology and Education Council (DFW TEC) website, www.dfwtec.org.

#### **STEM College & Career Expo**

The College & Career Expo will provide opportunities for businesses and higher education institutions to build and influence the future STEM workforce in North Texas. Both will have the opportunity to offer relevant, inspiring, student-focused STEM experiences in the latest technology and create awareness of local post-secondary education resources. The overall goal is to expose 3,500 North Texas high school juniors and seniors each year to college and career options available in our region in science, technology, engineering and mathematical fields.





#### Junior FIRST Lego League

For children ages 6-9, Junior FIRST® LEGO® League (Jr.FLL®) captures young children's curiosity and directs it toward discovering the wonders of science and technology. This program features a real-world scientific concept to be explored through research, teamwork, construction, and imagination. Guided by adult Coaches, teams use LEGO® bricks to build a model that moves and develop a Show Me Poster to illustrate their journey. In 2014, DFW TEC joined with FIRST to become the North Texas Affiliate Partner for Junior FIRST® LEGO® League.

#### Children get to:

- Design and build a challenge-related model using LEGO® components
- Create a Show Me Poster and practice presentation skills
- Explore challenges facing today's scientists
- · Discover real-world math and science
- Begin developing teamwork skills
- Choose to participate in expos and showcases
- Engage in team activities guided by Jr.FLL Core Values



#### **BACKGROUND**

In 2011, the Technology Cluster, known as the Dallas Fort Worth Semiconductor and Technology Executive Council (DFW STEC) went through a strategic planning process with its board. What resulted was a mission change to focus on connecting K-12 and post-secondary science, technology, engineering and math (STEM) educational initiatives with the local high tech industry. This also precipitated a name change to the Dallas Fort Worth Technology and Education Council (DFW TEC) to better reflect its work with potential business stakeholders and the multitude of local STEM industries with which the organization partners. In 2015, as an independent 501(c)3, DFW TEC is updating its logo and website for stronger branding and an improved user experience to reflect the strong commitment the organization has to local STEM initiatives within our education systems.











#### **2015 INDUSTRY MEMBERS**

**Austin Commercial** 

Cisco

ExxonMobil

Raytheon

Total Facility Solutions, Inc.

**VCE** 

#### **PARTNER MEMBERS**

Dallas Regional Chamber
Workforce Solutions Greater Dallas

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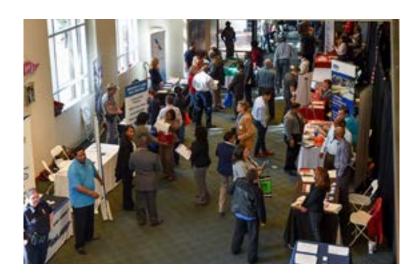
Sectors By
The Numbers\*
Employers
Employees

aerospace\* 696 48,252 healthcare\* 13,352 326,927 infrastructure\* 1,104 71,497 logistics\* 8,980 299,103 technology\* 8,826 170,838

<sup>\*</sup> For a list of NAICS codes used to gather this information, please contact the cluster manager.



















## RWLC Supports Our Returning Veterans and Their Families



In 2015, RWLC hosted the fourth annual Hiring Red, White & You! Job Fair at Globe Life Park in Arlington.

Sponsored by the Texas
Workforce Commission in
cooperation with 28 Workforce
Solutions partners, the Texas
Veterans Commission and
the Texas Medical Center, this
statewide annual event connects
Texas veterans and their
spouses with Texas employers
who value the experience,
discipline and other exceptional
qualities inherent with a military
background.

Locally, over 1,002 veterans and other job seekers engaged with more than 266 Dallas-Fort Worth Metroplex employers and community organizations.





### **Members:**



www.workforcesolutions.net

**WORKFORCESOLUTIONS** GREATER DALLAS

www.wfsdallas.com

WORKFORCE SOLUTIONS
NORTH CENTRAL TEXAS

www.dfwjobs.com



DALLAS REGIONAL CHAMBER

www.dallaschamber.org

