

# AGENDA

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# AGENDA

## Monday, February 2nd

### **Program Registration**

9:00AM – 9:30AM

### **Welcome and Program Overview**

9:30AM – 11:30AM

### **Innovation Center Tour**

11:30AM – 12:00PM

### **Lunch Break**

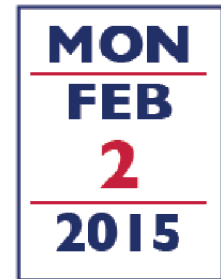
12:00PM – 1:30PM

### **Manufacturing Trends and Lean Manufacturing**

By David Ortiz

1:30PM – 4:30PM

Lean Manufacturing provides a systematic approach to reducing costs and lead time by continuously eliminating non-value added activities. It promotes continuous improvement, committed management and empowers employees. By implementing Lean techniques at every level, managers are able to create Lean Enterprises.



# AGENDA

## Tuesday, February 3rd

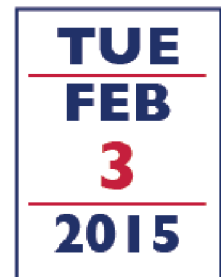
### **Lean and Six Sigma Tools**

By Silvia Subizar

9:00AM-4:30PM – lunch break 12:00PM-1:30PM

Effectively deploy Lean Six Sigma to achieve better, faster, lower cost and safer processes. An overview of the tools used on Lean Six Sigma will be provided as well as the skills needed to staff, implement, and sustain Lean Six Sigma. Leaders and managers will understand how the application of Lean Six Sigma will make their processes more effective and more efficient by the proper selection of the Lean Six Sigma continuous improvement tools.

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## Wednesday, February 4th

### **Project Coaching and Problem Solving**

By David Ortiz

9:00AM-4:30PM – lunch break 12:00PM-1:30PM

Lean Manufacturing provides a systematic approach to reducing Project Coaching presents a good understanding on how to coach employees' internal and external clients on process design and improvement. The program is tailored for professionals leading continuous improvement initiatives who want to equip themselves with the skills necessary to be effective changing agents. Participants will be able to assess the current state of the organization's operations and culture and design processes to execute projects.



# AGENDA

## Thursday, February 5th

### **Biotechnology and Nanotechnology**

By Dr. Mataz Alcoutlabi  
9:00AM-4:30PM

Nano fibers are one-one hundredth the size of a human hair and can have myriad uses from water filtration to wound care. Nanotechnology can provide a more affordable way to make Nano fibers.



### **LUNCH&LEARN – Contract Opportunity Targeting**

By Robert Mirabal  
12:00PM-1:30PM

This seminar will focus on targeting contracting opportunities in an efficient and productive manner. Using seminar discussion and application, we will explore methods that will work for you to capture opportunities suited to your businesses product or service. By session's end you will have learned efficient search protocols that will give you the 'intel' necessary to research government contracting opportunities.

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## Friday, February 6th

### **Advanced Materials**

By Dr. Abdel Salam Hamdy Makhlouf  
9:00AM-4:30PM – lunch break 12:00PM-1:30PM



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The advanced materials workshop will help the participant understand the importance of material properties and the best application in modern product design. Material properties analysis and selection is a critical step on creating cost competitive, reliable and functional products. The workshop includes topics on recent usage trends that have enable engineers to create high quality products and processing such as Machining and Coating Technology.

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## Monday, February 9th

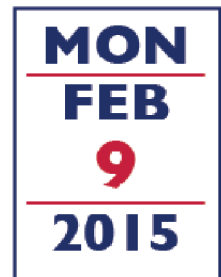
### **3D Printing Prototyping**

By Dr. James Li

9:00AM-4:30PM – lunch break 12:00PM-1:30PM

Additive Manufacturing is the new manufacturing method for 3D printing, rapid prototyping and surface repair. Participants will learn about Detail Engineering & Manufacturing Analysis; how to fabricate a working prototype and the basis of 3D Detail Modeling.

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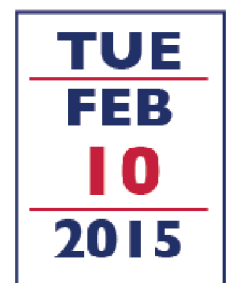
## Tuesday, February 10th

### **Practical Machining Principles**

By Dr. Anil Srivastava

9:00AM-4:30PM – lunch break 12:00PM-1:30PM

The Practical machining principles workshop will help the participant understand the basics of metal manufacturing processing and the advantages of mechanics of metal cutting technologies. It will cover technologies such as cutting tool materials and coatings to process metals efficiently. The workshop includes techniques how optimize equipment reliability through tool-life and tool-wear analysis and the foundation of application of cutting mechanics such as forces, temperatures and fluids involved in the process.



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## Wednesday, February 11th

### **Intellectual Property Protection**

By Susan Ochoa Spiering

9:00AM-10:30AM

The session will review IP in general, the differences between patents, trademarks, and copyrights, how protection in each area is obtained, and why a business would want to have registration coverage in a particular area.

Basic searching of ideas will be discussed and what an inventor or business owner can do to start the IP protection process for themselves.

### **Corpus Christi Hispanic Chamber workshop and LUNCH&LEARN –**

by Teresa Rodriguez

10:30AM-1:30PM

The Corpus Christi Hispanic Chamber of Commerce Serve as the official Hispanic business liaison between the business community and the community at large.

The Hispanic Chamber serves the business community by developing positive changes through active participation in education, leadership, public affairs, and creating business opportunities for our members, particularly small and minority owned businesses, while increasing awareness of the Hispanic heritage.



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## Good Immigration Practices to Small Business to Keep Pace with Mobile Workforce

By Debra Rodriguez and Heather Moretzsohn

1:30PM-3:00PM

Updates on current US immigration laws as it applies to small business in the United States; advice for small business employers on immigration compliance (E-verify, I-9); best practices for all employers.



## Cultural Intelligence: Creating Connections with Multicultural Clients

By Lorena Parada-Valdes, M.J.M.

3:00PM-4:30PM

As business owners, we can expect our community's current focus on international trade to translate into an increasing number of multicultural clients, staff, and business partners. Are you ready to face the challenge – and reap the rewards – of a global marketplace? In this section, we explore the basic principles of cultural intelligence and how knowledge of culturally competent business practices can translate into increased productivity and profits.

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## Thursday, February 12th

### Import/Export – International Trade

By Berenice Carmona

9:00AM-12:00PM

The international trade session will benefit companies that have an interest in expanding their business to the international market. During the session participants will gain knowledge in researching potential foreign markets, understanding trade assistance programs, and making international transactions, along with numerous financial, legal and logistic considerations associated with international trade.



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## LUNCH

12:00PM-1:30PM

### Lone Star UAS Center of Excellence & Innovation

By Dr. Ron George

1:30AM-2:15PM

The Lone Star Unmanned Aircraft Systems (UAS) Center of Excellence & Innovation (LSUASC) operates one of six federally sanctioned UAS test sites in the United States. Headquartered in the Coastal Bend Business Innovation Center of Texas A&M University-Corpus Christi, LSUASC comprises a robust business-development team structured to assist companies seeking to incorporate UAS technologies into their business cases and to access the U.S. national airspace system (NAS) for commercial operations. Our customers include original equipment manufacturers, start-up technology firms, vendors of equipment and technological solutions and state and federal agencies seeking UAS solutions to accomplish their missions. More than 100 companies have approached LSUASC with their interest in UAS systems.

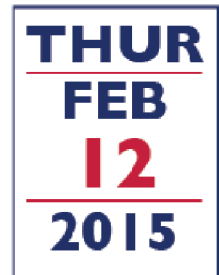
Our team of experts responds with more than 50 discrete engineering and operational services in support of public- and private-sector business cases. This brief workshop will introduce LSUASC and its test site and leave participants with a clear path to commercial operations in the NAS.

### Texas A&M University – Innovation Center

By David Fonseca

2:15 PM- 4:30PM

Learn more about the world-class, mid-sized business incubator assisting the commercialization processes of small businesses and start-ups in the Coastal Bend region.





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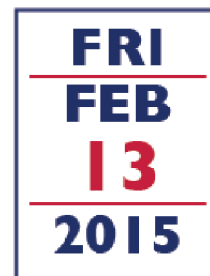
## Friday, February 13th

### **Doing Business in The U.S., Especially in Corpus Christi**

By Mike Culbertson

9:00AM-10:30AM

This workshop will cover recent growth of the Corpus Christi Region discussing the area's assets that draw businesses. Also, the workshop will explain some of the incentives and programs available for small businesses.



### **Business Models**

By Dr. John Gamble

10:30AM-12:00PM

The workshop will help to analyze current business models and find new and more successful ways of doing business. Business models have become the highway to innovation for businesses ranging from Fortune 500 companies to start-ups. Participants will benefit by learning and applying practical processes that challenge the status quo and lead to the planning and design of innovative strategies.

### **LUNCH&LEARN – Small Business**

#### **Administration (SBA)**

by Elizabeth Soliz

12:00PM-1:30PM

The U.S. Small Business Administration (SBA) will brief on the Agency's mission and the 3C's programs to help small businesses grow and succeed. The SBA loan programs will be discussed, as well as the free technical assistance from SCORE Corpus Christi & Del Mar College Small Business Development Center, and the contracting certification programs and resources to help small business sell their products and services to federal agencies.

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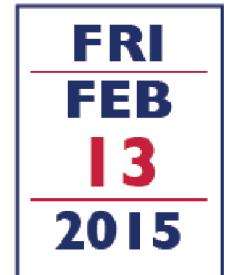
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## Common Business Entities in The United States

By Dr. Brian Elzweig  
1:30PM-2:15PM

This presentation will examine common business entities used in the United States. It will compare and contrast these types of entities (including sole proprietorships, general partnerships, limited partnerships, and corporations). Hybrid entities such as S Corporations, Limited Liability Companies and Limited Liability Partnerships will also be examined. The focus will be on liability of the owners, taxation issues, capital generation, and ease of creation, but other issues will be discussed as well.



## Port Industry Overview

By Barbara Canales and Ruben Medina  
2:30PM-4:00PM

As the primary economic engine of the Coastal Bend, Port Corpus Christi is the 5th largest port in the United States in total tonnage. The Port's mission statement is to "serve as a regional economic development catalyst while protecting and enhancing its existing industrial base and simultaneously working to diversify its international maritime cargo business." Strategically located on the western Gulf of Mexico, with a straight, 45' deep channel, the Port provides quick access to the Gulf and the entire United States inland waterway system. The Port delivers outstanding access to overland transportation with on-site and direct connections to three Class-1 railroads and uncongested interstate and state highways. The Port is protected by a state-of-the-art security department and an award-winning Environmental Management System. With outstanding management and operations staff, Port Corpus Christi is clearly "The Port of the Lone Star State." <http://www.portofcorpuschristi.com/Port> Corpus Christi is a member of START (South Texas Alliance for Regional Trade), a collaborative effort that highlights business opportunities in South Texas in the manufacturing, energy, aerospace, international trade, military and other sectors and the related strategic support provided by Port San Antonio, Port Corpus Christi and Port Laredo. <http://www.southtexasrastrade.com/>

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