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More than just a place to live, a community is a center of life where people come together to support one another. Northrop Grumman is proud to support the Advanced Manufacturing Partnership for Southern California (AMP SoCal) Bi-Annual Meeting led by the University of Southern California Center for Economic Development.

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Dear Attendees,

It is my pleasure to welcome you to the first Advanced Manufacturing Partnership for Southern California (AMP SoCal) Bi-Annual Meeting. On behalf of the Price School USC Center for Economic Development (CED) – the AMP SoCal lead and co-applicant – I want to thank you for joining us today.

In 2014, CED and the City of Los Angeles joined forces to develop and submit an ambitious proposal to the Economic Development Administration (EDA). Our application to become part of the nationwide Investing in Manufacturing Communities Partnership (IMCP) initiative was selected and Southern California became a federally designated manufacturing community. This important distinction acknowledges the significance of the region to the nation’s economy, while also designating preference to $1.3 billion in federal funding opportunities available throughout the country.

We have four overarching goals: create jobs, increase sales & exports, grow advanced manufacturing technology adoption, and train and educate the manufacturing workforce. Since our designation, our partnership has created 4,347 jobs and retained 1,953 jobs within Southern California’s A&D sector. That’s 6,300 total jobs that have been positively affected throughout the AMP SoCal collaborative – more than double our year-one goal! Our educational partners have trained nearly 1,500 workers in A&D skills and placed over 300 of those students in manufacturing businesses throughout the community. We also have several programs underway or in development that will further advance a pipeline of trained workers to businesses in need of a skilled workforce.

AMP SoCal has been directly involved with increasing Southern California’s A&D sales and exports by $8 million through the Centers for International Trade Development, and a California State Trade and Export Promotion Package to manufacturers attending the Singapore Airshow. AMP SoCal is part of the recently announced Smart Manufacturing Leadership Coalition (SMLC) and its winning proposal that will bring the Clean Energy Smart Manufacturing Innovation Institute to Los Angeles, a manufacturing hub award with more than $140 million in public-private funding. The collaborative is a partner in bringing nearly $84 million in Transportation Investment Generating Economic Recovery (TIGER) funding to the area, which has been awarded to three separate regional improvements at ports and major shipping corridors. There are numerous other initiatives AMP SoCal supports, which has helped bring more than $1.4 billion total public and private funding to Southern California’s various efforts in supporting new advanced manufacturing processes, technology adoption, and technical education.

While we are glad to report that AMP SoCal is matching or exceeding its initial goals, we know that there is still much to be done. That’s why it is so instrumental that we have the participation of business and industry leaders like you. At today’s event, we have an outstanding line-up of speakers and panelists. It is my hope that you leave with valuable information and the knowledge that you have AMP SoCal as an asset, advocate and resource for the success of your company and community.

Sincerely,

Leonard Mitchell
Executive Director of USC Center for Economic Development
Principal Investigator for AMP SoCal
AGENDA

8:00 AM  Registration and Continental Breakfast

9:00 AM  AMP SoCal Opening Remarks and Overview
Libby Williams, USC Center for Economic Development - AMP SoCal

9:15 AM  Bi-Annual Meeting Welcome
Jay Williams, Assistant Secretary of Commerce for Economic Development

9:30 AM  Keynote Address
Kevin Mitchell, Vice President, Global Supply Chain, Northrop Grumman

10:15 AM  15-Minute Break and Networking Session

10:30 AM  Panel #1: DoD Efforts to Assist Defense Manufacturing and the U.S. Industrial Base
Daniel Glasson (moderator), Department of Defense - Office of Economic Adjustment
Mike Gilroy, Department of Defense - Office of Economic Adjustment
Dan Greene, Space and Naval Warfare Systems Center (SPAWAR)
Brad Botwin, Department of Commerce - Bureau of Industry and Security

11:30 AM  Working Lunch/The Changing Face of Aerospace in Southern California Report
Mike Quindazzi (presentor), PricewaterhouseCoopers

1:00 PM  AMP SoCal Interactive Townhall Discussion
Libby Williams (moderator), USC Center for Economic Development - AMP SoCal
David Blanco, Performance Ascent, Inc. - Operational Improvement & Capital Access
Jim Watson, CMTC - Supplier Network
Ray Elledge, Verisurf 3D Measurement - Workforce & Training
Jason Miller, CSU Channel Islands - Research & Innovation
Marie Talnack, Cal Poly Pomona - Infrastructure & Site Development
Jeff Williamson, Center for International Trade Dev. (CITD) - Trade & International Investment

2:30 PM  15-Minute Break and Networking Session

2:45 PM  Panel #2: Resources and Best Practices within the Region
Jim Watson (moderator), CMTC
Mike Swords, Los Angeles Cleantech Incubator (LACI)
Martha Daniel, Information Management Resource, Inc. (IMRI)
Marwan Hammouri, Brek Manufacturing

3:30 PM  Panel #3: The Characteristics of a Great Supplier Partnership
Ivan Rosenberg (moderator), Aerospace & Defense Forum
Vicky Harper-Hall, Northrop Grumman
Michelle Martos, Parker Aerospace
Camille Geiger, Boeing
Bob Thompson, Lockheed Martin
Geoff Feagan, AeroVironment

4:45 PM  Closing Remarks

5:00 PM  Adjourn
EXECUTIVE COUNCIL

CO-APPLICANTS

Leonard Mitchell, J.D., M.B.A., M.A.
Executive Director, USC Center for Economic Development
Lead Co-Applicant & Principal Investigator, AMP SoCal

Mayor Eric Garcetti
City of Los Angeles
Representative:
Adrienne Lindgren
LA Mayor’s Office of Economic Development
Co-Applicant, AMP SoCal

COUNTIES

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Administration Manager, Workforce Development Board of Ventura County
Ventura County Alternate, AMP SoCal

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Member, Southwest Water & Energy Consortium
Los Angeles County Representative, AMP SoCal

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Community & Economic Development Manager, Imperial County
Imperial County Alternate, AMP SoCal

Ralph Cordova Jr.
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Riverside County Representative, AMP SoCal

Tamara Gishri Perry
Director, Strategic Initiatives & Cluster Development, Los Angeles County Economic Development Corporation
LA County Alternate, AMP SoCal

Carrie Hamon
Deputy Director, Riverside County Economic Development Agency
Riverside County Alternate, AMP SoCal

Andy Home
Deputy County Executive Officer, Natural Resources Development, Imperial County
Imperial County Alternate, AMP SoCal

Cheryl Moore
Executive Director, Workforce Development Board of Ventura County
Ventura County Alternate, AMP SoCal

Lydia Moreno
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San Diego County Alternate, AMP SoCal

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Marissa Rivera
Manager, Economic Development Department, San Bernardino County
San Bernardino County Representative, AMP SoCal

Gregory Washington, Ph.D.
Dean, The Henry Samueli School of Engineering, UC Irvine
Orange County Alternate, AMP SoCal

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Operational Improvement & Capital Access Chair, AMP SoCal

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Ray Elledge
Education Program Manager, Verisurf 3D Measurement
Workforce & Training Chair, AMP SoCal

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Senior Research Officer, California State University, Channel Islands
Research & Innovation Chair, AMP SoCal

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- Cleantech San Diego*
- CONNECT*
- iDEA Hub*
- Los Angeles Cleantech Incubator (LACI)*
- OCTANe*

Consortia
- Southwest Water & Energy Consortium*

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- City of Los Angeles Workforce Investment Board*
- Goodwill Industries of Southern California
- LA Works – San Gabriel Valley*
- Orange County Workforce Investment Board*
- San Diego Workforce Partnership, Inc.*
- Southeast Los Angeles County Workforce Investment Board*
- South Bay Workforce Investment Board*
- Ventura County Workforce Development Board*
- Verdugo Workforce Investment Board*

School Districts
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Community Colleges
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- Chaffey College
- El Camino College*
- Glendale Community College*
- Golden West College
- Long Beach City College*
- Los Angeles Community College District*
- East Los Angeles City College*
- Los Angeles City College*
- Los Angeles Harbor College*
- Los Angeles Mission College*
- Los Angeles Pierce College*
- Los Angeles Southwest College*
- Los Angeles Trade-Tech College*
- Los Angeles Valley College*
- West Los Angeles College*
- MiraCosta College*
- Saddleback College*

Community Partner
- Korean Churches for Community Development*

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- Los Angeles County*
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- San Bernadino County

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- City of Gardena*
- City of Industry*
- City of Los Angeles*
- City of San Diego*
- City of Whittier*
- Gateway Cities Council of Governments*
- Southern California Association of Governments*

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- Centers for International Trade Development (CIDT)
- LARExC*
- Port of Long Beach*

Economic Development Partners
- California Manufacturing Technology Corporation*
- Governor’s Office of Business and Economic Development
- Imperial Valley Economic Development Corporation
- Los Angeles Area Chamber of Commerce*
- Los Angeles County Economic Development Corporation*
- San Diego East County Economic Development Council*
- San Diego North Economic Development Council*
- San Diego Regional Economic Development Corporation*
- San Gabriel Valley Economic Partnership*
- Santa Clarita Valley Economic Development Corporation
- Santa Barbara Region Chamber of Commerce: Economic Vitality Team of Santa Barbara County
- South County Economic Development Council (San Diego)*
- Valley Economic Alliance*
- Ventura County Economic Development Collaborative*

An * indicates an original founding member of the AMP SoCal partnership.
SPEAKERS

AMP SoCal Opening Remarks and Overview

Libby Williams, USC Center for Economic Development-AMP SoCal
Project Manager & Economic Development Specialist

Elizabeth "Libby" Williams has over 20 years of economic development experience working in Southern California which includes among other things, over 10 years at the Los Angeles County Economic Development Corporation with the Business Assistance Program. In 2007, Williams became the Executive Director of the Los Angeles Economy and Jobs Committee, a private-sector advisory board created by Los Angeles Mayor Antonio Villaraigosa to work with him on key issues of economic development and quality job creation in Los Angeles. Williams coordinated the committee’s activities to evaluate business attraction and retention efforts in Los Angeles and develop recommendations for action and improvement. Williams has a BA and an MPA from California State University at Long Beach and a Master in Leadership from the University of Southern California.

Bi-Annual Meeting Welcome

Jay Williams, Department of Commerce Economic Development Administration
Assistant Secretary of Commerce for Economic Development

Jay Williams was appointed by President Obama to serve as the Assistant Secretary of Commerce for Economic Development and was sworn into office in May 2014. As the Administrator of the U.S. Department of Commerce’s Economic Development Administration (EDA), Williams is charged with leading the federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the global economy. Prior to joining the Department of Commerce, Jay served as the executive director of the Office of Recovery for Auto Communities and Workers. In this capacity, he worked directly with state and local stakeholders in areas affected by the changing American automotive industry to deliver federal support to ensure they returned to better economic condition. He also served in the White House as Deputy Director for the White House Office of Intergovernmental Affairs. Williams served as the Mayor of Youngstown, Ohio from 2006 to August 1, 2011. Prior to being elected, Williams spent five years as the Director of Community Development for the city. Before transitioning into public service, Williams enjoyed a distinguished career in banking, which included stints at the Federal Reserve Bank of Cleveland and First Place Bank, as a vice president. Williams is also the recipient of the 2007 John F. Kennedy New Frontier Award. Assistant Secretary Williams graduated from Youngstown State University with a B.S.B.A., majoring in finance.

Keynote Address

Kevin Mitchell, Northrop Grumman
Vice President-Global Supply Chain

As VP, Global Supply Chain at Northrop Grumman, Kevin Mitchell is responsible for developing and maintaining a strong supply base for the broad set of products produced for Aerospace Systems customers. Most recently, Mitchell was vice president of manufacturing and site manager for the company’s El Segundo site where he was responsible for manufacturing operations. He also was responsible for site manufacturing at Moss Point, Miss. and New Town, N.D., as well as the global manufacturing statement of work in San Diego and Redondo Beach, CA. Mitchell has more than 27 years of experience and success in managing large-scale operations. Since joining Northrop Grumman in 2003, he has held a number of positions with increasing responsibilities. His roles have included serving as VP of Production Operations and site manager at Lake Charles, La., director of the Palmdale Aircraft Integration Center of Excellence, and director of the El Segundo Manufacturing Center. Prior to joining Northrop Grumman, Mitchell worked for McDonald Douglas/Boeing in the production and development field. Mitchell earned a bachelor’s degree in business and a master’s degree in business administration, focusing on global business, from the University of Phoenix. He completed Harvard Business School’s executive program, Creating Corporate Advantage, and holds a Six Sigma Green Belt from UCLA.
SPEAKERS

Panel #1: DoD Efforts to Assist Defense Manufacturing and the U.S. Industrial Base

Daniel Glasson, Department of Defense - Office of Economic Adjustment
Community Investment Program Director

Dan Glasson directs a $1.3+ billion portfolio of community facility projects in support of defense priorities and actions specifically authorized and appropriated by Congress. Glasson is also a Project Manager for projects under OEA’s Defense Industry Adjustment and its Compatible Use program areas. He serves as the U.S. Federal Government Point of Contact for the AMP SoCal Manufacturing Community; a DOD representative in the Investing in Manufacturing Communities Partnership (IMCP); and a Community Solutions Team Member as part of the White House’s Strong Cities, Strong Communities (SC2) program. Glasson received a Master of Urban Planning (MUP) degree and a Certificate in Russian and East European Studies (CREES) from the University of Michigan and was a Fulbright Scholar and Presidential Management Fellow.

Mike Gilroy, Department of Defense - Office of Economic Adjustment
Program Director, Defense Industry Adjustment Program & Chief Technology Officer

Michael Gilroy is responsible for program management and policy direction and also directly manages several projects. Prior to joining OEA, Michael served as the National Base Realignment and Closure Coordinator for the Department of Labor’s Employment and Training Administration. During that time, he developed policies and approaches to address workforce development needs specific to defense communities impacted by the 2005 BRAC round, and managed the BRAC response activities of ETA’s six regional offices. A U.S. Army combat veteran, he holds Masters degrees in Public Administration from the University of Oklahoma, and in National Security and Strategy from the U.S. Naval War College.

Dan Green, Space and Naval Warfare Systems Center (SPAWAR)
Senior Analyst, US Navy / Joint Advanced Manufacturing Region

Dan Green is a senior government technical analyst currently serving on the SECNAV Naval Innovation Advisory Council. Since his retirement from the Navy, he served as a member of the Secretary of the Navy’s Innovation Task Force, Director of the Joint Advanced Manufacturing Region, co-founded the Navy Data Sciences Team and was the Department of Defense Technical Director for the Universal Core Interagency Information Sharing Initiative from 2007-2009. Green is currently assigned to the San Diego Supercomputer Center as a Research Fellow where he is analyzing the implications of the 4th Industrial Revolution on U.S. economic security and maritime industrial preparedness.

Brad Botwin, Dept. of Commerce Office of Technology Evaluation, Bureau of Industry and Security
Director of Industrial Studies

Brad Botwin is responsible for developing surveys and analyses, and implementing programs designed to ensure a technologically superior and competitive defense industrial base capable of meeting U.S. economic and national security requirements. Botwin’s programmatic responsibilities include: Assessments of U.S. Industrial Capabilities and Critical Technologies; Section 232 Investigations of the Effect of Imports on National Security; Foreign Availability Assessments; and Short Supply Determinations. Botwin has a degree in international affairs and economics from the American University and an MBA from the George Washington University with a concentration in international business and finance.
SPEAKERS


Mike Quindazzi, PricewaterhouseCoopers (PwC)
Managing Director

Mike Quindazzi is Managing Director for the Pacific Southwest region of PwC. He has over 25 years of management consulting and industry experience. He is responsible for growing revenues for a $650M business unit within PwC and developing innovative approaches to solving complex business issues. He is a frequent speaker on PwC’s Global Megatrends that influence business, emerging technology and society alike. Recently Quindazzi and his team worked closely with the LAEDC & SDREDC on “The Changing Face of Aerospace in Southern California” report. Quindazzi’s team oversees PwC’s local community service efforts with a focus on youth education. He is active with the LAEDC Board of Governors and the Co-Chair of the Aerospace Council with passion for economic development. Quindazzi holds a BA from Montclair State University where he graduated with highest honors, Summa Cum Laude, and was granted honorary membership from the Phi Kappa Phi Honor.

David Blanco, Performance Ascent, Inc.
President

David J. Blanco is the President of Performance Ascent, Inc., a California company that supports the mission of assisting aerospace and defense (A&D), and other major industry suppliers to develop supplier competitiveness across the U.S. He is a leader in implementing continuous improvement systems for small- to mid-size business suppliers to help them become significant players in the A&D industry. He is a former member of the Board of Examiners for the Baldrige Performance Excellence Program, former Senior Examiner for the California Awards for Performance Excellence (CAPE), and CAPE Judge, as well as numerous community and civic organization boards. Blanco is also a former founder and Board Officer of the Supplier Excellence Alliance (SEA). Blanco currently serves on the Board of Directors for California’s Baldrige program, co-chairman of the SoCal Aerospace Council – an LAEDC initiative. His education in Business Management includes undergraduate studies at the University of Redlands, and graduate studies at the Peter F. Drucker Graduate School of Management at Claremont University.

James Watson, CMTC
President and CEO

James Watson started with California Manufacturing and Technology Consultants (CMTC) in 1999 as VP of Business Development and appointed as President and CEO in 2011. Watson is responsible for crafting the future vision of CMTC, promoting the importance of the manufacturing sector to state and federal legislators and expanding the awareness of CMTC’s capabilities throughout Southern California. With over 30 years of management experience in areas of partnership development, strategic planning, operations management, organizational design, sales and marketing, and cultural alignment, Watson brings a wide range of knowledge to his position as President and CEO. Watson holds a bachelor’s degree in political science from CSU, Northridge.

Ray Elledge, Verisurf 3D Measurement
Education Program Manager

Ray Elledge has 40 years of advanced manufacturing experience. He joined Verisurf 3D Measurement solutions in 2014 as Sales & Education Manager. He also serves as senior advisor to industry and education providing
solutions to manufacturers and educators. Elledge a recipient of the U.S. Department of Commerce, NIST- MEP Award for MAIM High Performance; and the U.S. Department of Defense, Mentor Protégé Nunn-Perry National Award with Boeing & CMTC. Elledge holds a BA and an MBA in Business & Management from the University of Phoenix with further studies at Purdue University and USC Marshall. He serves as Advisory Council Member to ENP, Executive Next Practices, Irvine, and the A&D Forum, LA Chapter advisory council.

Jason Miller, CSU Channel Islands
Senior Research Officer

Jason Miller joined CSU Channel Islands in December 2012 after almost 15 years as a mathematics professor at Truman State University in Kirksville, MO. He has been a Visiting Member of the Fields Institute and a Visiting Scholar at the National Institute for Mathematical and Biological Synthesis (NIMBioS) at the University of Tennessee, Knoxville. A strong advocate for undergraduate research and other effective pedagogies for student learning, Miller has been a member of and Councilor in the Council on Undergraduate Research, a member and Chair of the Board of Governors for the National Conferences on Undergraduate Research, on the Science Policy Committee of the Mathematics Association of America, and the PI or lead on $5.6m of grant-funded projects aimed at broadening participation in STEM. Miller earned a BA in Mathematics in 1993 at St. Olaf College where he participated in the Budapest Semester of Mathematics. In 1998, he earned his PhD in Mathematics from the University of North Carolina, Chapel Hill.

Marie Talnack, Cal Poly Pomona
Director of Technology Transfer Office and Industry Clinic

Marie Talnack has worked in both public programs and private industry. Her major interest is in the transfer of technologies from publicly funded research to small businesses in order to create new business opportunities. Talnack’s career in Technology Transfer and Business Development has spanned over 25 years as a Technology Transfer and Commercialization Specialist. She holds a Doctorate in Science and Technology Policy from USC, MBA in Finance and Marketing, and Masters in International Management. Her professional career in technology transfer includes four research universities and two national research laboratories as well as her own consulting firm established in 1991. Talnack is committed to university/industry collaborations and was a co-author of the National Academies’ recent publication, The Researcher’s Handbook.

Jeffrey A. Williamson has 20 years global marketing experience in the public and private sectors, having conducted business in more than 50 countries (China, Europe, Southeast Asia and the Middle East) in consumer electronics, consumer package goods, and defense and medical products. He currently provides the strategic leadership for the Centers for International Trade Development (www.citd.org), and the California State Trade and Export Promotion Program, which led over 400 California businesses in 40 overseas trade missions/exhibitions in the past three years, helping small exporters capture over $150 million in new business. Williamson also is a part-time Professor of Global Marketing at California State University, Fullerton, Mihaylo School of Business, where he teaches global marketing. Williamson received a B.A. Economics from Arizona State University and an MBA from California State University, Fullerton.
Panel #2: Resources and Best Practices within the Region

Mike Swords, Los Angeles Cleantech Incubator
VP, Partnerships

Prior to joining LACI, Michael Swords served as the Executive Director of Strategic Research Initiatives and Global Partnerships within the Office of the Vice Chancellor for Research (OVCR) at UCLA. Swords has also served as the Board President for Cleantech Los Angeles (CLA) which, prior to merging with LACI, was a multi-institutional collaboration between UCLA, USC, Caltech, Jet Propulsion Laboratory (JPL), Mayor’s Office of Economic Development, Los Angeles Community Redevelopment Agency (CRALA), Los Angeles Department of Water and Power (LADWP), Los Angeles Chamber of Commerce, Los Angeles Business Council (LABC), Central City Association (CCA) and the Los Angeles Economic Development Council (LAEDC) to establish Los Angeles as the global leader in research, commercialization, and deployment of clean technologies. He also serves on the Board of the Los Angeles League of Conservation Voters (LALCV), and the Executive Advisory Committee for the UCLA Luskin Center for Innovation. Prior to joining the Office of the Vice Chancellor for Research, Swords worked as an officer in UCLA’s Office of Federal Government Relations and was a legislative aide on Capitol Hill. He graduated with a BA from Whittier College and completed UCLA’s Anderson School of Management’s Executive Education program in December of 2008.

Martha Daniel, Information Management Resource, Inc. (IMRI)
Founder, President & CEO

Martha Daniel’s technology career has spanned both corporate and government sectors. Prior to founding IMRI, Daniel served in the U.S. Navy and had a lengthy corporate career with positions ranging from mainframe programming to chief information officer for such companies as IBM, Aerojet General, Bekins Transportation, CVN(now QVC), ARCO (now British Petroleum), and FDIC. In 1992, she acquired Information Management Resources, Inc. (IMRI). Daniel was recognized nationally for her leadership during the Year 2000 Crisis; the mainframe conversions – Legacy Systems Migrations; and now the Cyber Security Crisis. Today, under Daniel’s leadership and strategic vision of “Translating business needs into technology solutions,” IMRI provides program management for over $300 million in data center operations; currently designing the public safety broadband first responder network (FirstNet); and provides cyber security governance and compliance, information assurance, and operations security solutions using the company’s Cytellix Solutions. As the President and CEO of IMRI, Daniel led the company in the successful delivery of more than $150 million in technology and engineering services. Daniel has been involved with technology since 1970, completing her B. S. Degree in Computer Information Systems from California State Polytechnic University – Pomona, and an MBA from the University of LaVerne.

Marwan Hammouri, Brek Manufacturing
CEO

Marwan Hammouri has been Chief Executive Officer of Brek Manufacturing in Gardena, California since 2013. Prior to that, Hammouri worked at Triumph Structures – Wichita Inc., where he served as President for 13 years. He brings more than 20 years of successful manufacturing executive experience with an emphasis on business growth and profitability through efficient operation. Hammouri’s professional experience spans the management of all technical aspects of manufacturing operations including estimating, engineering, manufacturing, and quality, as well as sales and finance. Hammouri graduated from Yarmouk University in Jordan with a BS in Mechanical Engineering and has a Masters in Engineering Management Science from Wichita State University.
SPEAKERS

Panel #3: Characteristics of a Great Supplier Partnership

Ivan Rosenberg, Aerospace & Defense Forum
Co-Founder & Executive Director

For over 30 years as a management consultant, Dr. Ivan Rosenberg has helped his clients achieve goals that initially appeared very difficult and or seemingly impossible. He works primarily with A&D organizations, included among his clients: NASA Headquarters, a number of NASA Centers, 19 robotic space missions, commercial A&D manufacturers, and astronomical observatories in Hawaii and Chile. Rosenberg has been a university professor, founder and CEO of a national software company that is now over 35 years old, and VP of a global franchisor. He has graduate degrees in Electrical Engineering and Computer Science from Cornell University, and a Ph.D. in Management from the University of Rochester. Rosenberg is a member of the LA Mayor’s Global Trade and Investment Council, the Mayor’s Aerospace Advisory Council, and is the Aerospace Industry Representative on the Executive Board of AMP SoCal. Rosenberg is also the Co-Founder and Executive Director of the 1600+ member Aerospace & Defense Forum, and the Founder and Executive Director of the Uniquely Abled Project, which matches jobs in demand to the unique abilities of those with diagnoses, e.g., CNC operation and high functioning autism.

Vicky Harper-Hall, Northrop Grumman
Sector Manager, Global Supplier Diversity Programs and Government Relations

Vicky Harper-Hall oversees all aspects of sector programs related to small business concerns, small disadvantaged business concerns, women-owned small business concerns, HUBZone small business concerns, veteran-owned, service-disabled veteran-owned small business concerns, historically black colleges and universities/minority institutions, Native American, Alaskan Native Corporations, Indian Tribes, AbilityOne, Small Business Innovation Research (SBIR), Native American Incentive Program, and the Mentor Protégé Program. As part of helping ensure Northrop Grumman’s competitive position in the defense industry, Harper-Hall also guides the company’s work in surveying and assessing potential small business partners, and works to increase those partners’ participation in government and commercial contracts. Harper-Hall earned an MBA in marketing and management from West Coast University, Los Angeles and holds a bachelor’s degree from California State University, Long Beach.

Michelle Martell, Parker Aerospace
Aerospace Group Commodity Manager,

Michelle Martell joined Parker Aerospace in June, 2016 as the Group Commodity Manager responsible for aligning commodity strategy across all divisions. Prior to joining Parker Aerospace, she has held roles at GE Aviation, Circor Aerospace and Motorola in Supply Chain, Global Sourcing, Operations, and most recently as a P&L Product leader for GE Aviation. Martell has an MBA from the University of Southern California, Marshall School of Business and BA in Economics from CSULB.
Camille Geiger, Boeing
Senior Manager, BDS Small/Diverse Business & Strategic Alliances

Camille Geiger works with Boeing programs and functions to ensure fulfillment of all contractual obligations through an integrated strategic framework of subcontracting with small and diverse businesses. This effort includes responsibility for small business reporting and regulatory compliance to multiple federal government agencies, as well as the development of initiatives to expand innovative research partnerships in support of Boeing’s business objectives. Geiger also serves as the Small Business Liaison Officer for The Boeing Company. As such, Geiger is responsible for maintaining and improving company relationships with the federal government on matters related to small business subcontracting and supplier diversity. Geiger – the recipient of such honors as the Women of Color’s 2007 Technology All Star Award and one of the National Association of Women Business Owner’s Honorary Remarkable Women of the Year in 2000 – also has served as president and chairman on the board for the Boeing Leadership Association. She has an MBA from the University of Southern California and a bachelor’s degree in management-marketing from the University of Redlands.

Bob Thompson, Lockheed Martin
Supplier Diversity Senior Manager

As the Senior Manager for Supplier Programs, Bob Thompson is responsible for Lockheed Martin Space Systems Company’s Supplier related initiatives: Supplier Diversity, Supplier Recognition, SBIR, Mentor Protégé, Supplier database maintenance and updates. Thompson has spent the last 30+ dynamic years with Lockheed Martin Space Systems-CA. Thompson’s last 16 years have been concentrated in the field of Supplier Programs, where he leads the Supplier Diversity / Small Business efforts for Lockheed Martin Space System Company, one of four business areas of Lockheed Martin. Thompson has served as the President for the Industry Council for Small Business Development as president elect and as Chief Financial Officer. He also serves as a corporate coordinator for NCSDC (Northern California Minority Supplier Diversity Council) now doing business as Western Regional Minority Supplier Development Council (WRMSDC) and is on the Board of Directors. Thompson is a member of the MDA Small Business Advocacy Council (SBAC) and he has also participated as a corporate sponsor for veteran Disabled Veteran Business Enterprise (DVBE), National Association of Woman Business Owners (NAWBO) and as a Billion Dollar Roundtable member representing Lockheed Martin. Thompson graduated from University California Irvine with a Bachelors of Arts in both economics and psychology.

Geoff Feagan, AeroVironment
VP Supply Chain & Global Sourcing

Geoff Feagan is a supply chain and operations professional with more than 25 years of experience, having worked in China, India, Mexico and Eastern Europe with experience involving operational management, startups, restructuring and supply chain management. Feagan has worked on projects that include formal ERP systems implementations, e-sourcing, S&OP and Inventory management, compliance, logistics and warehousing. Having worked for General Electric, Emerson and Bloom Energy, Feagan is currently the VP Supply Chain & Global Sourcing with AeroVironment (AV), a company that designs, develops, produces, supports and operates a technologically-advanced portfolio of products and services for government agencies, businesses and consumers. AV supplies unmanned aircraft systems, or UAS, tactical missile systems and related services primarily to organizations within the U.S. Department of Defense, or DoD. AV also supplies charging systems and services for electric vehicles, or EVs, and power cycling and test systems to commercial, consumer and government customers. Feagan earned his undergraduate degree in Electrical Engineering at Iowa State University and a Master’s in Business Administration from the University of Texas.
ABOUT AMP SoCal

OVERVIEW

The Advanced Manufacturing Partnership for Southern California (AMP SoCal) is a collaboration that unites government, academia and industry toward the common goal of strengthening the industrial ecosystem throughout Southern California for aerospace and defense (A&D) manufacturers and their supply chain. This unique cooperation benefits communities and businesses by fostering job growth, technological advancement, federal funding and more.

WHO WE ARE

AMP SoCal is led by the University of Southern California Center for Economic Development (CED), an applied research center of the USC Sol Price School of Public Policy, in partnership with the City of Los Angeles, and what has grown to include more than 100 companies and organizations from both public and private sectors. The network leverages the combined knowledge, innovation and political support of its members to accomplish its goals of supporting the A&D industry.

IMCP DESIGNATION

AMP SoCal has the distinct honor of being among the first federally designated regions in the nationwide Investing in Manufacturing Communities Partnership (IMCP) initiative. AMP SoCal represents the southern 10 counties of California with a specific focus on A&D manufacturing. An IMCP designation carries the advantage of preference to $1.3 billion in federal funding, which has been allocated toward bolstering the economic ecosystem of manufacturing across the country. Learn more about the IMCP initiative at www.eda.gov/challenges/imcp/.
AMP SoCal and its dynamic network of partners have launched several exciting projects designed to specifically benefit the aerospace and defense manufacturing ecosystem of Southern California. Each of the following initiatives are in progress. Through these efforts and more, AMP SoCal addresses needs in workforce and training, advanced technology adoption, research and development and business assistance.

**MANAGED CAREER PIPELINE**

AMP SoCal is proud to announce that its Managed Career Pipeline Pilot Program is currently underway at three regional colleges: Cerritos College, MiraCosta College and West Los Angeles College (WLAC). The program will be piloting partnerships between regional community colleges and workforce development boards for workforce development and advancement. The goal is to create a steady stream of skilled workers to fill apprenticeships and job vacancies in manufacturing firms that have been adversely affected by reduced Department of Defense procurement and contracting. The different areas of focus include a pre-engineering apprenticeship program at WLAC, entry-level welding technician course at MiraCosta’s Technical Career Institute, and an employment pathway that offers training at Cerritos leading to an apprenticeship at local manufacturers.

**THE UNIQUELY ABLED PROJECT**

Glendale Community College, an AMP SoCal partner, recently launched a 10-week CNC Machinist program for individuals with high-functioning autism, which also includes 60 hours of job readiness, soft skills, site visits, and open laboratory. Program graduates will qualify for entry-level positions such as machinist apprentice, CNC operator, and CNC programmer. This unprecedented program was made possible through a collaboration with machine technology educators, specialists in education for those with autism, state and local social service agencies, and community organizations. Please contact Aide@UniquelyAbledProject.org if you are interested in hiring a graduate (available August 26). Go to http://uniquelyabledproject.org/applying-to-the-gcc-uniquely-abled-academy/ to apply for the next session starting in early 2017.

**FAC-A-THON**

The AMP SoCal led Fac-a-thon unites faculty researchers from colleges and universities across the region, pooling their collective brain-power to solve some of the aerospace and defense manufacturing industry’s most pressing research issues, while also simultaneously advancing manufacturing development and technology across the nation. The initiative is employing the expertise of faculty researchers for the following six industry research categories: Future Aerospace Platform Component Systems, Composite Materials and Advanced Materials, Battery Technology, Sensors, Advanced Manufacturing, and Coating and High Temperature Alloys. For more information please visit: http://ampsocalusc.wix.com/fac-a-thon
THE RED CARPET SERVICE

AMP SoCal offers a free-of-charge “Red Carpet” service through its partner, the Los Angeles County Economic Development Corporation (LAEDC). This program assists A&D companies in the 10-county Southern California region to expand and succeed through a wide range of services, which include: workforce development, job placement assistance, incentives and financing, site searches, permit and plan check assistance and more. LAEDC also facilitates the SoCal Aerospace Council, where hundreds of members collaboratively work to foster aerospace jobs and investment in the community. Learn more at AMPSoCal.org and www.LAEDC.org/aerospace.

INNOVATION FORUM SERIES

Every quarter AMP SoCal hosts a workshop that connects small- and medium-sized manufacturers to available research in the field of advanced manufacturing, specifically within the aerospace and defense (A&D) industry. The first of the forum series began with an event focused on the Department of Energy’s Small Business Voucher Program and facilitated a proposal-writing workshop for firms. In March, a workshop was held regarding the Small Business Innovation Research (SBIR) and Small Technology Transfer Research (STTR) Phase I Proposal writing. The most recent forum was held in UC Irvine’s Applied Innovation Center and featured speakers with current knowledge of Technology Transfer. Aside from exchange of knowledge, these forums give A&D firms the opportunity to network with an array of AMP SoCal partners and seek the leverage they need to become more competitive. Each of the presentations have been recorded and are available for viewing on the AMP SoCal website at ampsocal.usc.edu/how-we-help/videos/.

EXECUTIVE LEVEL ADDITIVE MANUFACTURING/ 3D PRINTING CERTIFICATE

A&D firms looking to increase their competitiveness and reduce production costs often adopt new technology as a solution, however they don’t always have all the information they need to make the right business decision. UC Irvine, an AMP SoCal partner, is currently developing a highly interactive distance education program that will offer a certificate in additive manufacturing and 3D printing for businesses. The training will be based upon industry standard best practices which will include topics such as return on investment, total cost of ownership, value stream proposition, best practices, technology overview, and quality systems. The entire course will incorporate eight hours of instruction and guided skill building exercises.

If you are interested in more information on these projects or would like to get involved please visit our website at AMPSoCal.org or contact us at ampsocal@usc.edu. Please continue to check back for new initiatives and opportunities offered by AMP SoCal and its participating members.
ACHIEVEMENTS

BRINGING $1.4 BILLION IN PUBLIC & PRIVATE FUNDING

AMP SoCal has been involved with numerous grants, proposals and projects, which has helped bring more than $1.4 billion to Southern California’s efforts in improving infrastructure, advancing manufacturing processes, increasing technology adoption and building a trained workforce through technical education.

$8 MILLION INCREASE IN A&D SALES AND EXPORTS

Increase occurred through the Centers for International Trade Development, and a California State Trade and Export Promotion Package to manufacturers attending the Singapore Airshow.

JOB GROWTH

4,347 created
1,953 retained
6,300 TOTAL

Employment numbers from the first 18 months were tracked by partners within the AMP SoCal network as growth that was directly attributed to services offered by AMP SoCal members to aerospace and defense businesses in Southern California.

1500 existing and future workers trained

AMP SoCal has more than 35 educational institutions within its partnership. During the first 18 months they reported that more than 1,500 students were trained in A&D skills and 300+ were placed as workers in manufacturing businesses throughout the community.

300+ placed

THE COLLABORATIVE HAS EXPANDED TO MORE THAN 100 PARTNERS & GROWING
UPCOMING EVENTS

Don’t miss out on upcoming events, workshops and meetings. We are regularly organizing and attending events for the aerospace and defense industry in Southern California. If you have an event that you would like to share with AMP SoCal and its members, please contact us and we can share on our website and newsletter. If you are interested in information from our past events, you can learn more by reading our event recaps on our news page.

To register and learn more about upcoming events please visit ampsocal.usc.edu/events.

INNOVATION FORUM: CUBE SATS & OTHER SATELLITES*
OCT 2016 Location TBD

AIAA SPACE AND ASTRONAUTICS FORUM AND EXPOSITION
SEPT 13-16, 2016 Long Beach Convention Center

INNOVATION FORUM: DRONES*
DEC 9 or 10, 2016 International Drone Expo, Los Angeles Convention Center

BI-ANNUAL MEETING
FEB 2017 Location TBD

*Our past Innovation Forum events have included workshops on the SBIR/STTR Phase 1 Proposal and Department of Energy’s Small Business Voucher Program, and most recently Technology Transfer for small business. Each of the presentations have been recorded and are available for viewing on the AMP SoCal website at ampsocal.usc.edu/how-we-help/videos/.
PROUDLY SUPPORTING A&D MANUFACTURERS IN THE SOUTHERN TEN COUNTIES OF CALIFORNIA

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