



Chuck Osberg

Senior Program Manager



MERCURY DEFENSE SYSTEM

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About Mercury Defense Systems

In 2015, Chuck began work as Senior Program Manager at Mercury Defense Systems, a new startup of Mercury Systems, which is an advanced electronics company pioneering next generation defense electronics, specializing in Electronic Warfare (EW), Signals Intelligence (SigInt) and Secure Processing (SPS) in Orange county California.

About Me

Chuck graduated from Southern Illinois University at Carbondale with a BS in Industrial Technology in the School of Engineering. Additionally, he holds degrees in Business Management and Public Finance from California State University San Bernardino and a Systems Engineering Certificate from California Institute of Technology (Caltech). He has also completed aeronautical engineering course work at the University of Southern California (UCLA) and Cal Poly Pomona.

In 1980-81, he interned at California Portland Cement Company and in 1982 at Southern California Edison Company. Upon graduation in 1983, he began work at Southern California Edison setting up the Palm Springs Region warehouse.

In late 1983, Chuck began work at North American Aviation Inc.(Rockwell) on the B-1B in Design Engineering and subsequently Production Engineering in Palmdale, CA, and was responsible for Low Observables, Field Service and numerous aspects of Materials and Processing. Other responsibilities included X31A design and Commercial Aircraft Depot Operations.

In 1990, he moved to what is now known as Northrop Grumman, managing Design Engineering, Low Observables and Flight Line and Delivery Engineering organizations, on the B2 program. Chuck was also the Engineering Functional Manager for Palmdale, Edwards AFB, China Lake NAWS and Tejon Test Range. Other program assignments included Design and Development of the X47A 'Pegasus', RBAT (helicopter), the BAT UAV, where he set up and was the Site Manager, for the Production and Logistics facility. Chuck retired from Northrop Grumman in 2014.

Chuck has many ties to Cal Poly SLO, with his Uncle (Civil/Architectural Engineering 1967), Sister (Ornamental Horticulture 1985), Brother-in-law (Mechanical Engineering 1985), Daughter (Environmental Engineering 2014) graduating from Cal Poly. Chuck sits on the IME IAB at SLO and formerly on the Fresno State Engineering IAB and Long Beach State Engineering IAB.



Daniel Franchi

Director, Petroleum Operations



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About Cisco Systems, Inc.

Mr. Franchi currently serves as the Director of Petroleum Operations for Watt Mineral Holdings, which is part of Watt Companies, one of the nation's largest owners, developers, and managers of commercial real estate.

About Me

Mr. Franchi has a 38-year career in the oil and gas industry, the scope of which includes engineering, project investment analysis, field operations, upstream oil and gas mergers and acquisitions, corporate finance and international project finance. He also serves on a consulting basis in various operating positions with independent oil and gas producers in California. Mr. Franchi has periodically served as a lecturer in the Industrial and Manufacturing Engineering Department at California Polytechnic State University, San Luis Obispo. From 1978 to 2005, Mr. Franchi was with Unocal Corporation, where he served in various executive positions in operations and finance. Mr. Franchi received his Bachelor of Science in Industrial Engineering from California Polytechnic State University, San Luis Obispo (1978) and his Master of Science in Industrial and Systems Engineering (1980) and Master of Business Administration (1981) from the University of Southern California. He is a registered Professional Engineer in California.



Dave Hampton

*Vice President - Go To Market
R&D, implementation, FL Direct
Store Delivery (DSD) system support*



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About Frito Lay, Inc.

Frito-Lay is part of PepsiCo (which also includes Pepsi, Quaker, Tropicana, Gatorade). Frito-Lay sells \$12 billion per year and makes up 60% of the North America snack food market. Product lines include: Lays, Doritos, Tostitos, Cheetos, Fritos, Ruffles, Sunchips, Rold Gold. Frito Lay products are found in 93% of US households.

Frito-Lay operates 30+ manufacturing plants, 200 Distribution Centers and 15,000 routes in the US. It has nearly 50,000 employees and operates a Direct Store Delivery (DSD) model where Frito-Lay executes all steps of the supply chain from manufacturing to stocking products on store shelves.

The Frito-Lay plant in Bakersfield, CA is responsible for recruiting at Cal Poly and is continuously hiring Cal Poly engineers.

About Me

Dave Hampton graduated from the Cal Poly Industrial Engineering program in 1986 (IE'86) and has been a member of the Industry Advisory Board since 2007. He received an honorary Graduate Degree in Engineering Management (Cal Poly 1997) for support and participation in the EMP program. He has been working at Frito Lay since graduation (24 years) in a number of engineering, management, and executive positions across Operations, Supply Chain, and Sales. Currently, Dave Hampton is the Vice President - Go To Market, responsible for the R&D, implementation, and ongoing support of the FL Direct Store Delivery (DSD) system.



Dennis Peterson

Director, Quality Verification



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About Pacific Gas & Electric Co.

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States. Based in San Francisco, the company is a subsidiary of PG&E Corporation. There are approximately 20,000 employees who carry out Pacific Gas and Electric Company's primary business—the transmission and delivery of energy. The company provides natural gas and electric service to approximately 15 million people throughout a 70,000-square-mile service area in northern and central California.

Diablo Canyon Power Plant:

- √ Provides low cost, emission-free electricity for more than 3.0 million northern & central CA homes
- √ Since beginning commercial operation in 1985, Diablo Canyon has been one of the safest and most efficient nuclear power plants in the nation. The plant consistently receives high safety ratings from the Nuclear Regulatory Commission, and the Institute of Nuclear Power Operations
- √ Nuclear power plants like Diablo Canyon create no air emissions during the production of electricity. They also add to our energy diversity, reducing dependence on a single source of electricity
- √ PG&E is the only utility in the country that employs a fully staffed seismic department with a mission to continually assess the current state of seismic knowledge as well as large earthquakes around the world.

Make a difference in your future and the future of California. We offer meaningful work opportunities, career development possibilities, competitive pay and benefits and an environment that recognizes and balances personal and work needs.

About Me

Dennis graduated from Cal Poly in 1984 with a B.S. in Aeronautical Engineering, spending the subsequent two years with North American Rockwell working on the B-1B in the production flight test group. He returned to the SLO area to work with friends on a spin-off of his Senior Project – a two place kitplane design.

In 1987, Dennis began working for PG&E at Diablo Canyon Power Plant, spending 16 years in Operations, 5 years in Outage Management, and is currently the Director of the Quality Verification department. Dennis enjoys spending time at his children's sporting events, fixing and building things, and flying his 1947 Navion, a four-seat retractable airplane that requires a lot of TLC.



Jon Kraus

Founder



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About Me

Jon was born and raised in Southern California and graduated from Cal Poly San Luis Obispo in 1986 with a B.S. in Industrial Engineering. After graduating, he worked as a consultant with Andersen Consulting (now Accenture) for 10 years focused on business process re-engineering, lean manufacturing, manufacturing strategies, Information Technology (IT) strategies, and IT implementations in the consumer product, manufacturing, technology, and aerospace industries. During this time he also obtained an MBA from the UCLA Anderson School of Management.

In 1996, Jon went to work for Oakley, a California based, innovation obsessed, sport performance eyewear and apparel company. Jon was with Oakley Inc., for 19 years from 1996 to 2015 as a member of the executive leadership team and was responsible for Operations, Oakley Custom Program, Multi-brand retail division, Information Technology, and Digital Technology globally. While at Oakley the company grew from an under \$200M largely domestic independent company to a nearly \$1 billion global brand. In 2007, Oakley was acquired by Luxottica, the global leader in the design, manufacturing, distribution and retailing of premium luxury, fashion, and sports eyewear. The Luxottica eyewear brand portfolio includes Ray-Ban, Oakley, as well as retail brands LensCrafters, Sunglass Hut, and Pearle vision brands in North America. Jon led the integration effort of the Oakley and Luxottica businesses during the acquisition and later became CIO for Luxottica North America responsible for defining and transitioning to a common suite of enterprise IT and Digital solutions across all North American businesses (Oakley, Luxottica Wholesale, Retail, Vision Care, Optical manufacturing).

In 2015, Jon decided to return to consulting and founded a consulting and advisory services company that helps companies evolve their strategy and execution in the areas of business operations, digital enablement, supply chain, and information technologies.

Jon loves family, friends, fitness, outdoors, sports, and fun and strongly believes a degree from Cal Poly San Luis Obispo IME, is one of the best degrees you can get to lay a foundation for future success. Make it happen!



Kazuo 'Kaz' Takeda

Manager, Industrial Engineering



About Me

Kazuo 'Kaz' Takeda is a Manager of Industrial Engineering for the Disneyland® Resort. Since 1998, Kaz has been responsible for both strategic and tactical operational functions focused on creating and maintaining a world class theme park operation.

In his role, he is accountable for planning and improving the sustainment operations for two Theme Parks, three Hotels, and multiple retail and dining locations. His experience ranges from working with maintenance, security, textiles and horticulture, to serving on various support units which orchestrate media events and drive theme park performance.

Kaz began his career as a quality control engineer within the home satellite television industry. He then joined Telescreen LTD as the US logistics manager for their international animation studio production group. In 1988, Kaz joined United Parcel Service in their industrial engineer division, supporting multiple initiatives from the creation of Quality Incentive Bonus system to the opening of new buildings and air gateways.

Since joining the Disneyland® Resort, his work has continued on all aspects of Resort business and operations from being a core member of the Disney California Adventure grand opening press event team to implementation of process standards and creation of a Sound Technician, Electrician and Machinist Union craft apprenticeship/trainee program within the Resort's maintenance division.

Kaz is an active member of the Institute of Industrial Systems Engineering National Leadership Committee as Assistant Region Vice President and Chapter Development Fund Committee Chair. He also serves on the National Industry Advisory Board and has been elected into the rank of IISE Fellow.

At the university level, Kaz serves on the USC, Cal Poly Pomona and Cal Poly SLO Industrial Engineering Advisory Committee's, University of Redlands School of Business Advisory Board and is a part time instructor at USC Daniel J. Epstein Department of Industrial and Systems Engineering. He received his Bachelor degree from California State University at Long Beach and his MBA with an emphasis on GIS at the University of Redlands.



Keith Carlson

Chief Executive Officer


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About Growth Stage

Growth Stage is a boutique consulting firm, focused on applying IME principles and techniques to help software companies drive higher revenues, margins, and customer satisfaction. www.growthstage.net

About Me

After graduating from Cal Poly IME in 1984, Keith embarked on a career in technology, holding executive positions at Accenture and several successful Silicon Valley software companies. As a Senior Partner at Accenture, Keith built a 1,000 person practice focused on Customer Relationship Management. In 2012, Keith launched his own consulting firm, Growth Stage.

Keith lives in the Bay Area with his wife and twin teenage sons. Keith and his family are passionate water skiers, snow skiers, and adventure travelers. They have traveled all over the world hiking, biking, and skiing.



Kristen Burton

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About Cisco Systems, Inc.

For 30 years, our technology has changed the way the world works, lives, plays and learns. Our edge doesn't come from technology. It comes from our people. And from the amazing things that happen with we connect the unconnected. Cisco has shaped the future of the Internet by creating unprecedented value and opportunity for our customers, employees, investors and ecosystem partners and has become the worldwide leader in networking - transforming how people connect, communicate and collaborate.

About Me

I am a Cal Poly SLO graduate with a degree in IE. I am an avid backpacker, telemark skier and astronomy and space junkie. I consider myself a lifelong learner and love that I get to work with wickedly smart people to solve the toughest process and analytics problems Cisco has to offer.

Why IE's Should Pursue a career in Data Science

Because an insight isn't useful unless it is actionable. In order to be actionable, it must be revealed and leveraged for decision making in the right part of a workflow or process. If you get that, you have an advantage. IE's get it. 😊



Michael J. Hammons

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About Sustainable Growth Management

Sustainable Growth Fund, SCSp, SICAV-SIF is a Luxembourg special limited partnership established by Sustainable Growth Management GP S.à r. l. to make investments in companies within the growth stage of the sustainable and efficiency sector which lack growth capital as sources of financing are limited and where the regulatory framework is positive to the sector.

SGM will focus on investments primarily in North America and Europe where the Principals have been successfully sourcing growth capital opportunities through their extended network of contacts and relationships. The General Partner believes that the specific geographic regions offer a large pool of suitable opportunities, a supportive regulatory and investment environment, a long track record for the development of technology companies and a number of stock markets and market participants such as large corporates that can facilitate the exit.

About Me

Mike infuses nearly 20 years of senior leadership experience into building operational value for *SAIL*'s portfolio companies. He has diverse domestic and international experience across multiple verticals such as telecommunications, energy, automotive, aerospace and defense, data storage, enterprise software, and electronic hardware. His diverse background has spanned the gamut of company life cycles from start-ups to large organizations.

Prior to joining , he held leadership positions including CEO at Vigilistics, CEO at Nexiant, CEO at ARGO Tracker, VP of Global Operations at Cogent Communication, and Director of the South American Automotive Practice at Ernst & Young Consulting. Recognized as an expert in supply chain, operations, manufacturing, product development and logistics, Mike has spoken at multiple conferences and written numerous articles.

He has also received multiple awards throughout his career, including Top 100 Most Innovative Vendors from Supply and Demand Chain Executive and Deloitte and Touche Fast 500. He earned a Masters in Business Administration from Harvard Business School and a Bachelor of Science degree in Industrial Engineering from California Polytechnic State University, San Luis Obispo.



Todd Tsudama

Entrepreneur



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About Me

I was born and raised in Fresno CA (Go Bulldogs!). I attended Cal Poly where I actually started as a Math major, but graduated with a Industrial Technology degree-Facilities Management, School of Engineering. While at Poly, he did 2 Co-Ops: one at Smucker's and one at HP. It was one of the best decisions I ever made at school, since I was able to figure out which career direction I wanted to go. After graduating, I worked at HP for 10 years in various roles from Facilities Management to LaserJet Manufacturing to New Product Introduction. I had been at Cisco for 11 years in various roles ranging from managing the largest NPI team in Cisco, Strategic Planning, Global Supply Chain Management, and various Technical Leadership roles.

I love to play sports (Basketball, Volleyball and Golf) and be anywhere near the ocean.(see picture above 😊)

Why am I on the IAB? I love being on the IAB as this is my way of giving back. I feel very fortunate to have attended Cal Poly and this is where some of my core values, life lessons and friendships were built. If there's anything I can do to keep such a great school and program going, I'm there. It's also a chance to come back to campus and tap into the Energy and new thinking you all generate. Keep it up!!



Ty Lee

Vice President, The Americas

Johnson & Johnson

Diabetes Care Companies

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About Johnson & Johnson

The Johnson & Johnson Family of Companies is organized into three business segments— Consumer, Pharmaceuticals, and Medical Devices. We are the world's most broadly based global health care business serving customers, patients and medical professionals through more than 275 companies in over 60 countries.

Employees within our companies are empowered to leverage this global network to deliver solutions that better serve the needs of those who use our products and services. They have access to world-class programs for personal and professional development, and the potential to drive a dynamic career across businesses, segments and functional roles. Learn more about how our business strategy aligns our local and global direction and how our business segments drive innovation for a wide range of patients, customers, and caregivers. Explore careers by country to learn more about our businesses around the world.

About Me

Ty is the Americas commercial leader and P/L owner of the diabetes consumer medical device cos., which includes Insulin Infusion Pump Systems, Insulin Delivery Patch devices, Glucose Monitoring & Digital Solutions. Ty is focused on driving innovation, developing enterprise growth strategies, and building highly engaged teams to deliver superior results. Ty's past J&J cross-functional GM/VP global leadership roles include Supply Chain, Engineering, Sales & Marketing. Ty holds a B.S. from Cal Poly, an M.S. from Northwestern University, and an M.B.A. from the University of California, Berkeley.