A social gathering that brings together students, faculty, alumni and professionals from top companies in mechanical and aerospace engineering.
Carolyn Andia  
CAR-T Manager, Supply Chain Business Process Lead  
Carolyn is a highly skilled and accomplished engineer with experience in the Aerospace and Healthcare industries. She has held roles such as System Controls Engineer, Quality Engineer, IT Continuous Process Improvement Analyst, Transportation Technologies Analyst, Vein to Vein Planner, and Supply Chain Business Process Manager. Through her various roles, Carolyn has been able to learn and apply skills such as lean methodologies, training, facilitation, systems testing, project management, and quality systems. Within her current role as Supply Chain Business Process manager, Carolyn works in identifying and standardizing global processes for Johnson & Johnson’s innovative multiple myeloma treatment, CARVYKTI. Carolyn’s strong leadership and people skills have allowed her to travel to different countries for work assignments. She is enthusiastic about mentoring and helping young professionals develop professionally.

LoveMyTech LLC  
Marc Bjorkman  
President & Founder  
Marc Bjorkman is the President & Founder of LoveMyTech LLC, a technology & aerospace consulting and software development company, along with technology life coaching and UAS (drone) mapping services. He also worked as a Lockheed Martin Technical Fellow Emeritus (retired) in satellite communications systems engineer with 35+ years of experience providing practical technology innovation and leadership, creative telecommunications systems solutions, effective engineering management, efficient process and product development, comprehensive communications systems testing, and operational end-use of advanced wireless and wired communications systems.

Delta Design and Consulting  
Darren DeMedici  
Principal Engineer, Owner  
Darren DeMedici is the Principal Engineer and Owner of Delta Design and Consulting. He has been involved in product and process development for 30 years. He started his career as a machinist on the campus of MIT in the Plasma Fusion Center. He learned to fabricate other designs in the machine shop, which he has leveraged during his career. His experience includes working in the semi-conductor sector, consumer products, electronics packaging, material handling, engineering consulting and medical device design and manufacturing.

Johnson & Johnson  
As a Mechanical Engineering Rutgers graduate, Stephen began my career in a field of hands on technical work as a tool and process engineer, and over time transitioned into a project management role for new development programs within the aerospace community.
Mike DiBuono is currently a First Line Manager at Lockheed Martin in Moorestown, NJ. He leads a CRAD effort in the Command, Control, & Communications (C3) organization. He was involved in various space projects such as the Falcon 9, Dream Chaser, SLS, and New Glenn vehicles. He has a BS/MS from Rutgers University and is currently pursuing an MBA degree. During his time at Rutgers, he led the Controls lead for the Aegis Weapon System and grew technology areas such as cybersecurity, deorbiting space debris, hypersonic missiles, laser weapon systems, and solid-state radar.

COMPANY AT A GLANCE

INDUSTRY: Aerospace, Defense
HEADQUARTERS: Bethesda, MD
WEBSITE: www.lockheedmartin.com
JOBS: www.lockheedmartinjobs.com

Rob DeSimone is currently an engineering manager at Marotta Controls, Inc. He leads an engineering team for the CoRe engineering team. Project, development, and production engineering report to him, where new and legacy valves are developed for commercial space customers. At Marotta, Rob started as an intern in 2016 and worked through the engineering organization. He was involved in various space projects such as the Falcon 9, Dream Chaser, SLS, and New Glenn vehicles. Rob has a BS/MS from Rutgers University and is currently pursuing an MBA degree.

COMPANY AT A GLANCE

INDUSTRY: Aerospace, Defense
HEADQUARTERS: Montville, NJ
WEBSITE: www.marotta.com
JOBS: www.marotta.com/careers/

Merrill Edmonds is a Senior Key Expert in the Future of Automation research group at Siemens Technology, Princeton, NJ. He has a background in IT/OT technologies for manufacturing automation and robotics. Previously, he was a software engineer in the same research group. He received a BSc in Mechanical Engineering from Duke University, NC in 2012 and a PhD in Mechanical and Aerospace Engineering from Rutgers University in 2022.

COMPANY AT A GLANCE

INDUSTRY: Defense and Space Manufacturing
HEADQUARTERS: Princeton, NJ
WEBSITE: www.siemens.com

Gerald Feder completed a 30+ year career at Kearfott's Guidance & Navigation Division as a Senior Project Engineer. He was responsible for the design, development, and production of high-accuracy, dynamically tuned gyroscopes used for such broad applications as the Space Shuttle, Sounding Rocket program, B-1 stealth bomber, "line-of-sight" systems for the M1A2 Abrams tank, plus various military, commercial, and NASA-based satellites. He has presented at the CIA and performed on-site source inspections at several miniature precision bearing manufacturers. Prior to Kearfott, he worked at Pratt & Whitney's West Palm Beach facility in the compressor aerodynamics group. Gerald received both his B.S. and M.S. in mechanical engineering from Rutgers and Rensselaer Polytechnic Institute, respectively. He has served on the advisory board since its inception.

COMPANY AT A GLANCE

INDUSTRY: Patent Law
HEADQUARTERS: Philadelphia, PA
WEBSITE: www.kearfott.com
JOBS: www.kearfott.com/careers
Jerry Grandov
Senior Program Manager
Jerry has enjoyed a varied career in the following fields: Consumer Electronics, Motorsports, Telecommunications, Defense and Aerospace.

COMPANY AT A GLANCE
INDUSTRY
Defense and Space Manufacturing
HEADQUARTERS
Montville, NJ
WEBSITE
www.marotta.com
JOBS
www.marotta.com/careers/

Daimler Truck North America
Martin Hluchy
Field Sales Director
Martin Hluchy graduated from Rutgers University in May 2020 with a Bachelor of Science in Mechanical Engineering, and has spent the last two years working as a Detroit Field Sales Engineer for Daimler Truck North America. In his role, Martin interfaces with over 25 truck dealers and over 200 customers, supporting their businesses with fuel economy analysis, providing training on new products, and acting as the go-to professional between customers and engineering. Prior to his time at Daimler, Martin grew up and worked at his family’s farm, and spent his time at Rutgers involved with Rutgers Formula Racing and Rutgers Salsa. Recently, Martin has also returned to Rutgers as an occasional guest speaker, hosting lectures on the heavy trucking industry, and public speaking. He holds an active Class A Commercial Driver’s License.

COMPANY AT A GLANCE
INDUSTRY
Industrial Vehicle Manufacturing
HEADQUARTERS
Portland, OR
WEBSITE
https://northamerica.daimlertruck.com/
JOBS
https://northamerica.daimlertruck.com/careers/

CodeGreen Solutions
Israel Aaron
Mechanical Engineer
Israel is a mechanical engineer with a MBA with a back ground in air emissions from mobile and stationary sources. He has also run programs for building efficiency or electrification projects.

COMPANY AT A GLANCE
INDUSTRY
Energy
HEADQUARTERS
NewYork, NY
WEBSITE
www.coned.com/en
JOBS

Lockheed Martin
Ken Johnson
Retired Vice President
Mr. Johnson is a retired Vice President and General Manager of the Lockheed Martin Satellite Operations in East Windsor, NJ and in Newtown, PA. He has more than 35 years of experience with 20 years in General Management of a very high tech enterprise in a highly competitive field. Specifically, Mr. Johnson led a large organization with components in research, design and development, fabrication, and customer support of complex space systems. Ken established the Industry Advisory Board and has worked with the Department of Mechanical & Aerospace Engineering at Rutgers for 30+ years, helping students achieve their education and career objectives. Mr. Johnson received his BS in Mechanical Engineering from Rutgers University in 1966 and his MS in Engineering Management from the New Jersey Institute of Technology in 1971.

COMPANY AT A GLANCE
INDUSTRY
Aerospace, Defense
HEADQUARTERS
Bethesda, MD
WEBSITE
www.lockheedmartin.com
JOBS
www.lockheedmartinjobs.com
Andrew Karlovich is a Senior Project Manager with JLL's Sustainability Consulting team. Andrew works with building owners, investors, and corporate occupiers to establish strategic decarbonization programs and achieve favorable results across those organizations’ triple bottom lines. Having previously worked in both Fortune 500 engineering services and boutique consulting firms, he brings a professional and engineering-oriented approach to his work. Andrew holds both an M.S. in Engineering Management and a B.S. in Mechanical Engineering from Rutgers University and is a licensed Professional Engineer (Mechanical: HVAC) in the state of New York.

Jeff Kinsberg is a licensed professional engineer and senior project manager at DSM-Firmenich with twenty-five years’ experience in successfully delivering designs and construction of large, complex capital projects for private and Fortune 500 clients. John holds firm project management experience with a strong focus on project controls analysis of costs, schedules, and earned values in directing teams delivering industrial projects. John has worked on projects ranging from pharmaceutical biotechnology laboratories, uranium enrichment, Petro-Chemical, automated food & beverage manufacturing, facility odor-mitigation, and high-rise data centers for the following companies: Bovis Land Lease, CH2M, PSE&G, Honeywell, Unenco, Firestone, Datel Online Trading, both domestically and in Europe. John also taught the course “Construction Engineering & Management” at Rutgers in the Civil Engineering Department from 2005 to 2020. He resides close to Rutgers, New Brunswick.

Jeff Kinsberg is the founder of JAKTOOL. He has headed JAKTOOL’s Accelerated Innovation MethodTM (AIMTM) which consistently allows the JAKTOOL team to outperform and deliver for our clients. During Jeff’s time at Rutgers, Jeff led Rutgers Formula Racing, worked with several professors on independent study projects, and was employed by the Industrial Engineering Department on National Science Foundation backed research. Prior to penning JAKTOOL full time, Jeff was the lead engineer for several large infrastructure projects, including launching precast roadways and novel material handling solutions for oil, gas, and nuclear. Jeff has been an active member of the Rutgers Mechanical & Aerospace Industry Advisory Board for over five years. Jeff currently sits on the MACAB executive board. Jeff has a BSME and has been sponsoring, coaching, and mentoring, hundreds of students within the Rutgers and regional STEM community.

Florette Laurizio is the Senior Manager, Global Commercial Business Development for Lockheed Martin Commercial Communications Space, where she manages LM’s commercial space customer relationships, sales and marketing processes, and operations. Florette has over 40 years of commercial satellite communications industry experience across satellite and service businesses. She has held various senior management positions in Business Development, Marketing, Sales, and Capture Management for GE/GEH, a wholly owned subsidiary of UK, GE Astro Space, Lockheed Martin Telecommunications, and Lockheed Martin Commercial Space. Prior to GE Astro Space, Ms. Laurizio held various management positions in Strategic Planning, Business Development, Marketing, Sales, Systems Planning, Contracts Management, and Systems Engineering for GE American Communications and RCA American Communications. Florette has a Bachelor of Science in Electrical Engineering from Rutgers University College of Engineering and an MBA from Rutgers University, with emphasis in Finance. For the past 8 years, Florette has worked with the Rutgers University Mechanical and Aerospace Engineering Department on the annual Meet & Greet event, and for the last 3 years, has co-chaired this event. She mentors young professionals in the Society & Satellite Professionals International organization and students. Florette also serves in her local community as President of the Wilmore Swim Club for six years and volunteered for Big Brothers Big Sisters of Mercer County, NJ.

John LaPadula is licensed professional engineer and senior project manager at DSM-Firmenich with twenty-five years’ experience in successfully delivering designs and construction of large, complex capital projects for private and Fortune 500 clients. John holds firm project management experience with a strong focus on project controls analysis of costs, schedules, and earned values in directing teams delivering industrial projects. John has worked on projects ranging from pharmaceutical biotechnology laboratories, uranium enrichment, Petro-Chemical, automated food & beverage manufacturing, facility odor-mitigation, and high-rise data centers for the following companies: Bovis Land Lease, CH2M, PSE&G, Honeywell, Unenco, Firestone, Datel Online Trading, both domestically and in Europe. John also taught the course “Construction Engineering & Management” at Rutgers in the Civil Engineering Department from 2005 to 2020. He resides close to Rutgers, New Brunswick.
Jerry Laurizio
Senior Project Manager

Jerry Laurizio is the Group Leader overseeing the Gas Capital Projects and Third-Party Relocation Projects groups at Public Service Electric and Gas Company (PSE&G). Jerry has over 40 years’ experience in environmental, pharmaceutical, consulting engineering and utility industries. Jerry started his career as an engineer and moved into project management at a small environmental consulting firm whose focus was on Site Assessments, environmental remediation and emergency response work for NJDEP and EPA. He then went on to a global pharmaceutical firm, Merck & CO., where he started in environmental permitting, moving into operations and then to site capital projects. From there Jerry went on to an engineering consulting firm working on design of capital projects. Jerry then went on to PSEG as a Project Manager working on a broad variety of projects at generation facilities. Jerry moved over to the utility side of PSEG where he currently leads the group managing the rebuilding and upgrades of 10 metering and regulating stations along with relocating the electric and gas utilities affected by roadway improvement projects. Jerry has both a Master of Science and Bachelor of Science degrees in Chemical Engineering from Rutgers University College of Engineering. He held both Project Management Professional (PMP) and Professional Engineering (PE) Certificates. Jerry has also served on the South Brunswick Environmental Commission for more than 20 years. He has also volunteered for Habitat for Humanity.

Liz Ludwigson
Systems Engineer

Liz has worked as a Systems Engineer for the majority of my career. She started off working in the Navy Nuclear Industry purchasing refueling equipment, then she moved within GE to an Aerospace division where she did systems engineering work on Commercial Communications Spacecraft. While she was working there the company changed names twice ending up as Lockheed Martin. During this time, she finished up my MBA at Rutgers. Next, she did some consulting work on SC for Orbital Space, when the LM location she was working was relocated. Then she took a project/product management job with a software startup that provided SW that allowed you to watch a DVD on your computer. Working for a small company can be very rewarding, but can

Clare Lumkong
Director of Sustainability, dsm-firmenich

Clare Lumkong has over 30 years experience building and integrating environmental and sustainability programs. She is currently the Director of Sustainability for Global Real Estate and Workplace Solutions for the recently merged dsm-firmenich company. Previously she was with Bristol Myers Squibb (BMS) as the Corporate Global Manager of Sustainability; and with Lockheed Martin Space Systems Company (LMSSC) in various roles including Environment, Health and Safety (EHS), as well as the program manager establishing the LMSSC Go Green program. Clare served on the Board of Directors for the Pharmaceutical Supply Chain Initiative (PSCI), holding positions as Treasurer and Secretary, and a member of the Rutgers University MAE Industrial Advisory Board (IAB).
Robert Mellohusky
MEP Division Manager

Robert graduated from Rutgers University in 1983 with a BSME. He began the first 6 years of his career in the foundry and steel mill industry and also received his PE registration during that time in 1989. He then began a successful career as a consultant engineer, serving the industrial sector and transitioning to HVAC (MEP) in 1995. He has worked for various consulting engineering firms over his career, starting as a staff engineer and moving onto project engineer, project manager, and currently division manager. He has worked on a substantial amount of green projects and LEED infrastructure. He has been presented multiple awards for various projects by the NJ chapter of the ACEC and he is a charter member of the Rutgers Univ. School of Engineering MAE Industrial Advisory Board.

COMPANY AT A GLANCE

INDUSTRY
Industrial Vehicle Manufacturing
HEADQUARTERS
Portland, OR
WEBSITE
https://northamerica.daimlertruck.com/
https://northamerica.daimlertruck.com/careers/

Microsoft

Alan Olegario
Customer Success Account Director

Alan is based out of New Jersey, focusing on customer success in the sport industry, but has experience working with Media and Entertainment customers, as well as public sector, healthcare, and financial services. Working at Microsoft for 13 years, currently as a Customer Success Account Director, but was previously a Program Manager, Customer Success Manager, Technical Account Manager, and Premier Field Engineer. He has proven experience in launching new initiatives, creating a customer driven experience emphasizing service excellence. He's also known for effective at resolving complex customer scenarios be leveraging a broad internal and customer v-team. Alan graduated from Rutgers College of Engineering in 1999 with a concentration in Aerospace Engineering. He also has a passion for mentoring and coaching at the college and professional levels.

COMPANY AT A GLANCE

INDUSTRY
Tech
HEADQUARTERS
Redmond, WA
WEBSITE

NORTHROP GRUMMAN

Art Neufeld
Principal Mission Assurance Engineer


COMPANY AT A GLANCE

INDUSTRY
Defense
HEADQUARTERS
Falls Church, VA
WEBSITE
www.northropgrumman.com/
www.northropgrumman.com/careers/

Microsoft

Thomas Pagliuco
Global Energy Management Executive

Tom Pagliuco is currently Managing Partner, TAPco Enterprises. TAPco Enterprises is a consultancy focused on advising industrial and commercial clients on how to manage their energy and sustainability programs and reduce their energy usage, cost and GHG emissions. Tom is a Strategic Energy Advisor with the EPA ENERGY STAR Industrial Program, supporting several energy intensive industries. Before starting TAPco Enterprises, Tom was the Executive Director, Global Energy Engineering at AbbVie (Allergan), where he managed the Energy Management Program across a global portfolio of facilities. He also developed, implemented, and managed the Allergan, Merck and Schering-Plough global energy programs. All three energy management programs were recognized by ENERGY STAR as Partners of the Year. Tom was the recipient of a 2008 S-P Environmental Achievement Award for his advocacy for energy excellence, received the 2014 EnergySMART Energy Innovator Award and was named a 2017 Energy Manager Today 50 and 2020 Environment + Energy Leader 100. He joined AbbVie/Allergan in 2015, coming from Merck/Schering-Plough where he spent 20+ years. Prior to Merck/C-P he was in the Energy Services business, working for Peirone, Inc. and Enron Energy Services, responsible for energy project development. His career started in chemicals where he held several engineering and technology management roles at Rhodia (Rhone-Poulenc) Inc and Union Carbide Agricultural Products.

COMPANY AT A GLANCE

INDUSTRY
Sustainability
Cristy Richards is the President, CEO and Integrator for JAKTOOL. She is responsible for driving the vision, traction and accountability of the organization, as well as prioritizing issues and challenges. With a focus on strategy, operations and culture, she is passionate about seeing her team grow and thrive. Before joining JAKTOOL, Cristy worked for both academic and large corporations supporting biologics and medical devices where she led multidisciplinary teams as the Product Development Engineering Manager for Osteotech, Inc. and as a Principal Sourcing Engineer for Medtronic Spine and Biologics. At JAKTOOL, she established internal Quality Assurance/Metrology Lab and matured the quality system to earn ISO certification, and implemented ERP to streamline workflow and improve efficiency. Cristy holds a B.S. and M.S. in Mechanical Engineering, both from Rutgers University, and an M.B.A. from Monmouth University. She is credited on numerous publications and patents in the medical device industry.

Chris Sacelaris graduated from Rutgers MAE in 2019, since then he’s worked at General Dynamics Electric Boat as a structural engineer, supporting delivered submarines, at Marotta Controls working with valves and manifold touching on a variety of engineering roles, and now works at Pratt & Whitney focused on structural analysis for commercial jet engines.

Scott Schipper is an Engineering Manager at ASCO, L.P, a unit of Emerson in Florham Park (our division HQ, lab and design center) where our main business is industrial solenoid and actuated electrically operated valves for various fluid control aspects/ installations, including hazardous (explosive) environments. He has been at “ASCO” since 1994, and Manager of our North American ASCO brand agency certifications group since 2009 (UL, CSA, FM, NSF, ATEX, IECEx all sorts of key certifications). Prior to that he was a design Engineer for Pratt and Whitney Aircraft engines right after graduating from Rutgers (BSME 1987) from 1987-1994. During his time at P&W, he obtained his MSME from RPI part time utilizing the company paid tuition program.

Justin is a dedicated Program Manager at JAKTOOL Engineering, specializing in leading high-performance teams to tackle complex challenges. His career has primarily revolved around the defense sector, where he is committed to delivering innovative solutions. He earned his Mechanical Engineering degree from Rutgers in 2017, and since then, He’s developed a strong background in precision prototyping, product development, manufacturing process development and quality control. His goal is to contribute to the advancement of technology and the safety and security of our nation.
INDUSTRY REPRESENTATIVE

**Bharg Shah**
Aerospace Engineer

Bharg is a Rutgers graduate, class of 2020, with a degree in Aerospace Engineering. He also did my master's at Rutgers University. He works as a Project Lead and Flight Test Engineer for various weapons systems at NAVAIR in China Lake, California. He has also had a chance of working on computational fluid dynamic simulations and analyzing the aerodynamic performance of aerial systems. He would highly encourage the new professionals to work for the government and serve the engineering community and the country by contributing to the research and development of systems that helps us protect our troops and bring them back home safely.

**COMPANY AT A GLANCE**

| INDUSTRY | Aerospace, Defense |
| HEADQUARTERS | Patuxent River, MD |
| WEBSITE | www.navair.navy.mil/ |
| JOBS | www.jobs.navair.navy.mil/ |

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**Joe Spaniol**
Senior Mechanical Engineer

Joe Spaniol received a Bachelor of Science and a Master of Science degrees from Rutgers University in 2018 and 2019. Since graduating, Joe has spent his career progressing in multiple different roles across the US primarily developing fluid and electromechanical actuation systems for the Aerospace, Space, and Defense industries. In his current role at Marotta Controls, Joe is a Mechanical Design Engineer designing fluid control devices for new space applications.

**COMPANY AT A GLANCE**

| INDUSTRY | Defense and Space Manufacturing |
| HEADQUARTERS | Montville, NJ |
| WEBSITE | www.marotta.com/ |
| JOBS | www.marotta.com/careers/en |

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**Michael Vetter**
Senior Director of Product Development

Michael Vetter graduated from Rutgers with a BSME and concentration in Aerospace in 2005. Since graduation He has worked at East/West Industries on Long Island, NY. East/West is a Woman owned Small Business, and the leading developer of crashworthy seat systems to the US Department of Defense as well as an industry leader for emergency oxygen systems. Over 18 years, he has risen from a Design Engineer to the Senior Director of Product Development. Past responsibilities have included detail design with extensive implicit and explicit simulations, project management, and proposal and technical writing. In his current role he oversees all of the functions of the Design and Manufacturing Engineering departments as well as coordinating all marketing and sales efforts with the Business Development team. He enjoys working in a small business environment as it has given him a broad set of experiences and am often exposed to a variety of business, legal, and financial discussions that engineers are not typically exposed to. He embraces sharing his past experiences with the next generation of engineers, and have support the RU MAE mentoring program as well as the Long Island Stem Hub Regional Industry Council.

**COMPANY AT A GLANCE**

| INDUSTRY | Aviation & Aerospace Component Manufacturing |
| HEADQUARTERS | Ronkonkoma, NY |
| WEBSITE | www.eastwestindustries.com/ |

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**Asaad Shaikh**
Retired Vice President

Asaad Shaikh is an Associate in the Vehicle Engineering Practice at Exponent, a multidisciplinary research and engineering consulting firm. His main work area is automotive accident reconstruction and crash analysis, conducted using electronic data retrieval, laser scanning, 3D modeling, and on-scene inspections. His work consists of carrying out complete investigations of motor vehicle collisions using physical evidence and electronic data to reconstruct how an incident occurred. Asaad was a member of the Advanced Materials and Structures Laboratories since his freshman year, starting as a research assistant before carrying out his own projects as a graduate researcher. As a member of ASME, he authored and contributed to multiple publications in the field of polymers and reinforced composite materials. Asaad graduated from Rutgers University with his B.S. in Mechanical Engineering in 2022 and subsequently completed his M.S. in Mechanical Engineering in 2023.

**COMPANY AT A GLANCE**

| INDUSTRY | Engineering & Scientific Consulting |
| HEADQUARTERS | Menlo Park, CA |
| WEBSITE | www.exponent.com/ |
| JOBS | www.exponent.com/careers |
COMPANY AT A GLANCE

Nick Vigilante
Director, Integration and Testing

With over 35 years of industry experience, Mr. Nicholas Vigilante has served as a dynamic aerospace and defense executive leader, directing complex satellite design and construction programs in addition to leading and developing high performing functional organizations. His career has provided him with an expertise in areas ranging from technical design, manufacturing operations, supply chain and product assurance, to business/product development and program management. Nick holds both a B.S. and M.S.

COMPANY AT A GLANCE

Robert Weir
System Engineering Manager


COMPANY AT A GLANCE

Marilyn Yasko
Senior Process Automation Engineer

After graduating in 1992 from Rutgers College of Engineering with a degree in Chemical/BioChemical Engineering, Marilyn started at Firmenich, a privately held company that produces flavors and fragrances. Hired as an Automation Engineer, she was trained in process and project engineering; OSHA, ISA, and regulatory standards; safety reviews and troubleshooting, along with automation. This was a novel idea at the time - approaching automation from understanding the process and how it works, rather than electrical and programming side. Marilyn is involved in integrating the automation into the equipment from the beginning of its design. She is a part of working on the safety reviews and how to mitigate potential human errors. She works daily with the plant operators to troubleshoot issues in the plant. This year, the company merged to form DSM-Firmenich, which adds to its portfolio of human and animal healthcare/nutrition products. “Flavors” now includes products that enhance texture and reduce sugar. Marilyn holds a Professional Engineering License.

COMPANY AT A GLANCE

John Voce
Independent Business Development Consultant

John is currently an independent business development consultant for navigation systems at Lockheed Martin Space Systems Company. He advises on strategy and expanding the business portfolio for satellite-based navigation augmentation. John has worked on projects of increased responsibility including functional director of major disciplines and capture management for major proposal activities. He is experienced in multiple areas of the satellite and launch vehicle industry - commercial and government alike. He has substantial experience in the international arena including Asia, Australia, Europe, Middle East, and Russia. He has extensive experience in domestic and international business development and capture management, bringing in over $20 billion in orders during his career.

COMPANY AT A GLANCE

Marilyn Yasko
Senior Process Automation Engineer

After graduating in 1992 from Rutgers College of Engineering with a degree in Chemical/BioChemical Engineering, Marilyn started at Firmenich, a privately held company that produces flavors and fragrances. Hired as an Automation Engineer, she was trained in process and project engineering; OSHA, ISA, and regulatory standards; safety reviews and troubleshooting, along with automation. This was a novel idea at the time - approaching automation from understanding the process and how it works, rather than electrical and programming side. Marilyn is involved in integrating the automation into the equipment from the beginning of its design. She is a part of working on the safety reviews and how to mitigate potential human errors. She works daily with the plant operators to troubleshoot issues in the plant. This year, the company merged to form DSM-Firmenich, which adds to its portfolio of human and animal healthcare/nutrition products. “Flavors” now includes products that enhance texture and reduce sugar. Marilyn holds a Professional Engineering License.
Development of innovative graphene-enhanced polymer matrix nanocomposites, fundamentals to engineering applications, including structural, bio-medical, electronics, and military. Processing-structure-property-performance relations for novel PMCs.

Xi Gu
Assistant Teaching Professor

Xi Gu is interested in engineering education, reconfigurable manufacturing systems, modeling and operations of complex engineering systems, decision-making under uncertainty. He received a Ph.D., Mechanical Engineering from the University of Michigan, 2016. An M.S.E., Industrial and Operations Engineering from the University of Michigan in 2012, and a B.S.E. in Mechanical Engineering from Zhejiang University, China in 2010.

COMPANY AT A GLANCE
LOCATION
Piscataway, NJ
UNIVERSITY WEBSITE
www.rutgers.edu
DEPARTMENT WEBSITE
mae.rutgers.edu

COMPANY AT A GLANCE
LOCATION
Piscataway, NJ
UNIVERSITY WEBSITE
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DEPARTMENT WEBSITE
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UNIVERSITY WEBSITE
www.rutgers.edu
DEPARTMENT WEBSITE
businessportal.rutgers.edu

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UNIVERSITY WEBSITE
www.rutgers.edu
DEPARTMENT WEBSITE
businessportal.rutgers.edu
Dr. Yuqian Zhang is an Assistant Professor in the Electrical and Computer Engineering Department at Rutgers. His research leverages physical models in data driven computations, convex and nonconvex optimization, solving problems in computer vision, machine learning, signal processing. Dr. Zhang received his B.S. in Electrical Engineering from Xi’an Jiaotong University, and his Ph.D. in Electrical Engineering from Columbia University. His honors include the EECS Rising Stars Workshop at Stanford University, and the Young Investigator Lecture Series at California Institute of Technology.

Dr. Assimina Pelegri is a Professor and the Undergraduate Program Director of Mechanical and Aerospace Engineering at Rutgers. Her research interests include composite materials design, properties characterization, novel methodologies in material modeling, and application of anisotropic material principles in interfacial mechanics. She has developed multi scale material models for characterization of aerospace fibrous composites, as well as models for interface damage evolution in such materials. Her models have also found applications in biological fibrous materials such as brain neurons and have launched research activities in the fields of traumatic brain injury and degenerative diseases.
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<thead>
<tr>
<th>Name</th>
<th>Employer</th>
<th>Position</th>
<th>LinkedIn</th>
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</thead>
<tbody>
<tr>
<td>Aaron Israel</td>
<td>Con Edison</td>
<td>Project Auditor</td>
<td><a href="https://www.linkedin.com/in/aaron-israel-444434937/">https://www.linkedin.com/in/aaron-israel-444434937/</a></td>
</tr>
<tr>
<td>Martin Hluchy</td>
<td>Daimler Truck North America</td>
<td>Field Sales Engineer</td>
<td><a href="https://www.linkedin.com/in/mahluchy/">https://www.linkedin.com/in/mahluchy/</a></td>
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<tr>
<td>Dimitri Dovas</td>
<td>Dovas Law, P.C.</td>
<td>Attorney</td>
<td><a href="https://www.linkedin.com/in/dmitri-dovas-4879753/">https://www.linkedin.com/in/dmitri-dovas-4879753/</a></td>
</tr>
<tr>
<td>Clare Lumkong</td>
<td>DSM-Firmenich</td>
<td>Sustainability Director</td>
<td><a href="https://www.linkedin.com/in/clare-v-lumkong/">https://www.linkedin.com/in/clare-v-lumkong/</a></td>
</tr>
<tr>
<td>Christian Thorne</td>
<td>DSM-Firmenich</td>
<td>Project Engineer</td>
<td><a href="https://www.linkedin.com/in/christian-thorne-6856276/">https://www.linkedin.com/in/christian-thorne-6856276/</a></td>
</tr>
<tr>
<td>Marilyn Yasko</td>
<td>DSM-Firmenich</td>
<td>Senior Process Automation Engineer</td>
<td><a href="https://www.linkedin.com/in/michael-vetter-8790535/">https://www.linkedin.com/in/michael-vetter-8790535/</a></td>
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