



Q2 Update

2026 Annual Review

April - June 2026



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creates in 2026: **At-A-Glance**



2M

Square Feet of Albany NanoTech Complex Offices, Labs, and Cleanroom Space



30K

Square Feet of TAP Facility Offices and Labs, Including 12K Class 1000 Cleanroom Space

3000

Scientists, Engineers, and Staff from Industry, Government, and Academia Based at Creates' Albany NanoTech Complex

850+

Creates Employees

\$25B

Assets & Operations Over 20+ Years



A Message from President & CEO Dave Anderson



To our Creates Team Members, Partners, and Stakeholders,

As we reach the middle of the year, I am proud to share NY Creates' progress and achievements that have occurred during the second quarter of 2026.

This **Quarterly Update** showcases the research and technological advancements, strategic partnerships, and continued growth that highlight our position as a global leader in semiconductor research and development.

The second quarter was significant for new partnerships and workforce development initiatives. We were proud to host a ribbon-cutting ceremony celebrating the **opening of SCREEN's Advanced Technology Center of America, LLC** (SCREEN ATCA), located at Creates' Albany NanoTech Complex. This ceremony marked the culmination of a strategic international partnership to strengthen collaboration around chip innovation and deepens economic ties between the U.S. and Japan.

In April, we announced the beginning of a workforce development **partnership with Micron** aimed at further building a regional talent pipeline of skilled technicians to support Micron's planned expansion in domestic memory manufacturing at its new megafab being constructed in Clay, NY.

Most recently, in June, the SEMI Foundation announced the launch of the **Northeast Regional Node of the National Network for Microelectronics Education (NNME)**. NNME Northeast is led by NY Creates and serves 12 states in the Greater Northeast, spanning Maine to Virginia to address critical talent pipeline gaps across the microelectronics ecosystem.

We are excited for these new partnerships and initiatives as we work collaboratively to drive innovation and grow the skilled workforce, and it's all happening as we see the final stretch of construction of our new NanoFab Reflection building taking place, which will house our **High NA EUV Lithography Center**.

As Creates grows, we value the sense of community and connection that brings our colleagues together. This spring provided many opportunities to celebrate that spirit, from our Employee Art Show, where colleagues showcased their remarkable creativity and talent, to stepping out for some friendly competition in the CDPHP Workforce Challenge. Most recently, we kicked off the summer season with an evening at the ballpark, enjoying Workforce Development Night at a Tri-City ValleyCats baseball game alongside our families.

Thank you to our dedicated Creates employees as well as our partners and collaborators for your contributions and teamwork in driving semiconductor R&D, workforce development, and economic advancement. I look forward to our continued collaboration as we catalyze further growth and innovation in the year ahead.

Sincerely,

Dave Anderson

President and CEO



Vision and Mission

Vision

Creates is the global epicenter of high-tech innovation

Mission

Creates accelerates next-generation semiconductor technology research and develops the workforce to support the innovation economy



Core Values

Integrity

We uphold the highest ethical standards, ensuring transparency, accountability, and the responsible use of all our resources. Integrity is the foundation of our work, building confidence with our partners and community.

Collaboration

We foster a culture of cross-sector partnerships, uniting government, academia, and industry to create an innovation ecosystem that is greater than the sum of its parts. Our success is powered by working together and leveraging our diverse perspectives.

Innovation

Innovation is our driving force. We invent and deploy breakthrough technologies that solve real-world challenges, advance economic prosperity, and champion environmental responsibility for New York and the nation.

Excellence

We are relentless in our pursuit of excellence, from our world-class facilities and talented people to our processes and outcomes. We are dedicated to continuous improvement and delivering the highest quality in everything we do.

Community

We are committed to building a vibrant community both within Creates and across the broader ecosystem. We invest in the next generation of scientists, engineers, and leaders to secure the future of technology innovation for all.

Major Announcements



Official Opening Celebrated with Ribbon Cutting for Major New R&D Center at NY Creates

Creates and leading Japanese semiconductor supply chain company SCREEN held a ribbon-cutting ceremony to **celebrate the opening of SCREEN's Advanced Technology Center of America, LLC (SCREEN ATCA)**. This partnership between Creates and SCREEN brings another international leader in advanced semiconductor technologies to the Capital Region, and further cements New York State's position as a global leader in semiconductor innovation and manufacturing.



NY Creates Begins High NA EUV-Related Tool Installation

The installation of Tokyo Electron's (TEL) CLEAN TRACK™ LITHIUS Pro DICE™ system is now underway at Creates' Albany NanoTech Complex. **As the first major tool delivered for the forthcoming High NA Extreme Ultraviolet (EUV) Lithography Center**, this milestone moves us closer to becoming North America's first accessible High NA EUV lithography site, supporting breakthroughs in advanced innovations.



Creates and Micron Announce Workforce Development Partnership to Support Semiconductor Industry

Creates and Micron have begun a strategic workforce development partnership aimed at further building a regional talent pipeline of skilled technicians to support Micron's planned expansion in domestic memory manufacturing at its new megafab being constructed in Clay, NY. This joint apprenticeship program leverages Creates' Albany NanoTech Complex and established workforce development programming. With significant support from the Center for Economic Growth (CEG) and the Manufacturers Association of Central New York (MACNY), the program provides participating apprentices with hands-on experience in real-world settings to develop the in-demand skills that are critical for being able to directly transition to available technician roles in Micron's fabrication facilities. Creates President and CEO Dave Anderson said, "This partnership with Micron, CEG, and MACNY underscores NY Creates' commitment to developing New York's next generation, highly trained workforce supporting strategic industry growth in New York State. By building on our IMT apprenticeship program and leveraging our Albany NanoTech Complex with the incredible technical depth and expertise of our engineering and operations teams, we are creating accessible pathways for students to enter exciting semiconductor careers at all levels as we directly contribute to the success of our partner companies' manufacturing operations across New York State and the U.S."

Major Announcements



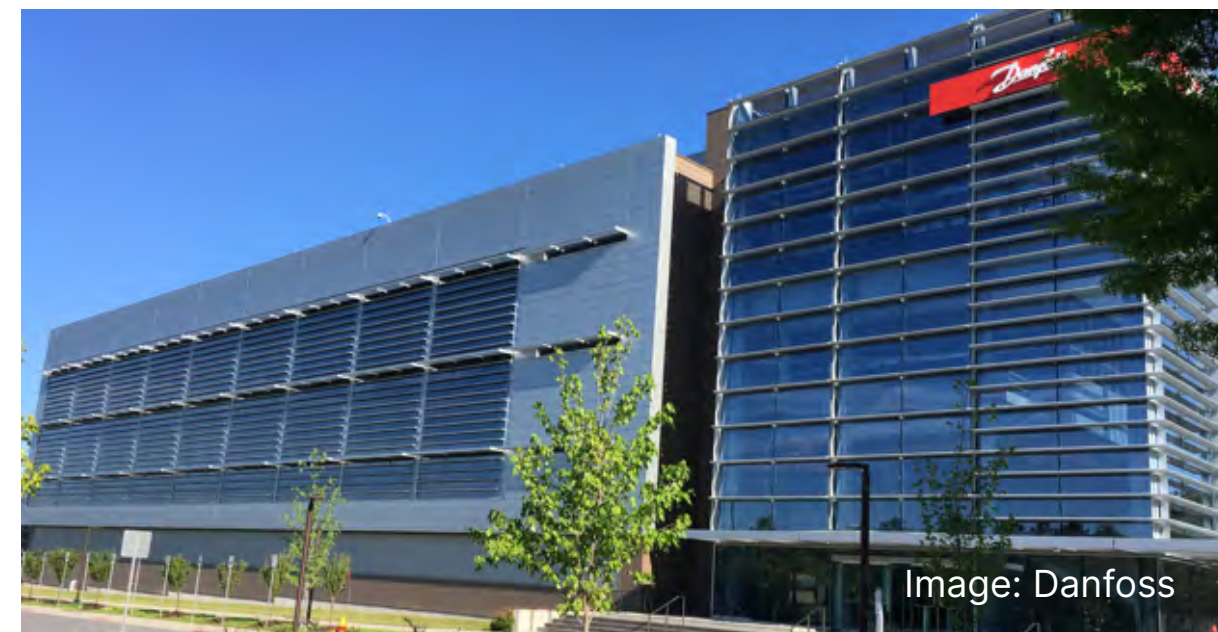
NY Creates to Lead Northeast Semiconductor Workforce Development Node

The SEMI Foundation has announced the launch of the first four Regional Nodes of the National Network for Microelectronics Education (NNME), a significant advancement in establishing a coordinated, nationwide infrastructure for semiconductor workforce development. Funded by the National Science Foundation (NSF), in collaboration with the U.S. Department of Commerce, and with \$900,000 in funding from NYS Empire State Development for New York-focused workforce efforts, NNME is designed to address critical talent pipeline gaps across the microelectronics ecosystem. Creates will lead the NNME Northeast Regional Node, serving New York, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, Pennsylvania, Rhode Island, Vermont, and Virginia.



NY Creates' Partners to Receive Federal Investments for Quantum Computing

The U.S. Department of Commerce announced the signing of letters of intent to provide over \$2B in federal incentives under the CHIPS and Science Act, supporting a portfolio of quantum companies, including five of Creates' partners, in addition to **IBM**, which will receive \$1B to establish their **state-of-the-art Anderon quantum foundry at Creates' Albany NanoTech Complex**. Creates' President and CEO Dave Anderson said, "The Department of Commerce's quantum investments announcement supporting related R&D and manufacturing by a number of our industry partners marks a defining moment for quantum innovation in the United States, and we are proud that, in particular, IBM's first-of-its-kind quantum foundry will be headquartered here at NY Creates' Albany NanoTech Complex. This investment will help unlock new computing capabilities, strengthen our high-tech ecosystem, and accelerate the path from research to commercialization."



Danfoss Selects NY Creates' Quad-C Facility for New Manufacturing Operations in Utica

Danfoss Power Solutions recently announced they will establish manufacturing operations at the Computer Chip Commercialization Center (Quad-C) facility in Utica, NY, owned by Creates, creating up to 300 jobs in the Mohawk Valley by 2027. This state-of-the-art facility will support the production of data center liquid cooling components, helping meet growing demand driven by AI and cloud infrastructure while reinforcing New York's leadership in advanced manufacturing. "Danfoss Power Solutions' expansion in Utica underscores the Mohawk Valley and New York State's continued momentum as a destination for advanced manufacturing investment," said Creates President & CEO Dave Anderson. "With a skilled workforce, modern infrastructure, and strong regional supply chain, this new operation reflects the kind of innovation-driven growth we are proud to support."

Major Announcements



Image: Norsk Titanium

Norsk Titanium Contract Advances Manufacturing Growth at NY Creates' Plattsburgh Site

NY Creates is thrilled to see Norsk Titanium, operating out of our Plattsburgh facilities, advancing the future of additive manufacturing with a nearly **\$4.2M contract supporting next-generation submarine and maritime capabilities through the DIB-EDGE initiative**. This milestone highlights the growing impact of Rapid Plasma Deposition® (RPD®) technology in strengthening the U.S. defense industrial base and delivering high-performance, sustainable solutions for mission-critical applications.



Jacqueline Goralczyk Selected as Creates Chief Compliance Officer (CCO)

Creates has announced that Jacqueline Goralczyk is now serving as our CCO. Jacqueline brings a wealth of experience as she leads compliance, ethics, privacy, and risk management initiatives to further enable Creates' mission and reinforce the importance of strong governance, effective controls, and our culture of accountability.



AIM Photonics Selects New Executive Director to Drive Strategic Direction and Engagement

AIM Photonics has announced that Dr. Nicholas Fahrenkopf was selected to serve as the Institute's next Executive Director. With over 13 years of industry experience, Dr. Fahrenkopf is an accomplished technical leader in the semiconductor, microelectronics, and integrated photonics fields. His leadership experience spans program execution, partnerships, and technology development.

Notable Visits



NY Creates Hosts NIST Metrology and CHIPS Program Office for Strategic Collaboration

Our Creates Business Development team welcomed the National Institute of Standards and Technology’s (NIST) metrology team and the U.S. Department of Commerce’s CHIPS Program Office at Creates’ Albany NanoTech Complex. Positive meetings like this highlight the critical role of advancing research and development initiatives and continued strategic collaboration to drive U.S. semiconductor innovation. We’re proud to help strengthen partnerships that are shaping the future of our semiconductor ecosystem.



NY Creates and NORDTECH Spotlight TetraMem Collaboration in NEMC Tour

Creates Manager of Patterning Development, John Mucci, and Dr. Nicholas Fahrenkopf, former NORDTECH Technical Director, led a tour for TetraMem and NORDTECH’s fellow Microelectronics Commons hub, the Northeast Microelectronics Coalition (NEMC), as the organizations work collaboratively on TetraMem’s disruptive analog computing technologies within the NEMC Hub research program. This tour showcased North America’s most advanced, accessible 300mm R&D ecosystem at Creates’ Albany NanoTech Complex and the expertise of the researchers and engineers here.



National Defense University Visits AIM Photonics to Explore Integrated Photonics for Defense Applications

The Dwight D. Eisenhower School for National Security and Resource Strategy (NDU) visited AIM Photonics at the Albany NanoTech Complex to learn more about the Institute’s R&D efforts and how integrated photonics is accelerating defense applications and adoption in next-generation technologies. The group also learned how AIM Photonics plays a vital role in bridging research and manufacturing, helping transition innovations from the lab to real-world deployment.



Delta Academy and Delta Pearls Visit NY Creates

Creates had the pleasure of hosting students from the Delta Pearls and Delta Academy youth programs of Delta Sigma Theta Sorority, Inc. These impactful programs are designed to support the positive moral, intellectual, and social development of young girls through educational and cultural enrichment. With a strong emphasis on leadership through service, STEM education, and personal development, Delta Pearls and Delta Academy are preparing participants to become confident leaders in the 21st century. During their visit, students were introduced to the work being done at Creates and the critical role semiconductors play in today’s world.



Creates Hosts Participants from the International Visitor Leadership Program

Creates was honored to welcome participants from the International Visitor Leadership Program (IVLP) for a visit focused on New York State’s growing semiconductor ecosystem. The IVLP, a U.S. Department of State professional exchange program, brings current and emerging international leaders to communities across the United States to connect with industry experts and share best practices in key sectors. During their visit to our Albany NanoTech Complex, participants met with Dr. Robert Geer, VP for Education and Workforce Development, and Derek Martin, Director of Outreach, to learn how Creates is helping build a strong semiconductor talent pipeline to support careers while driving economic development across New York State.

Research News

NORDTECH R&D Projects Receive More than \$25M in Funding

Four innovative NORDTECH projects were selected by the U.S. Department of War (DOW) to receive more than \$25 million in second-year funding after achieving their key first-year benchmarks. To date, these four projects have received a total of \$55.43 million in the technical areas of quantum and commercial leap ahead technologies, which are imperative for meeting the United States' technological and defense needs.

SEEQC Awarded Participation with ME Commons NORDTECH Quantum R&D Program

SEEQC announced its participation in NORDTECH's four-year program to help drive the future of scalable quantum manufacturing, advancing superconducting qubits on 300mm wafers with next-generation materials. As a subcontractor to NY Creates, SEEQC is collaborating with leading partners to bridge lab-to-fab innovation while also supporting workforce development through education and hands-on internships.

NY Creates and Brookhaven National Laboratory Collaborate on Quantum Research

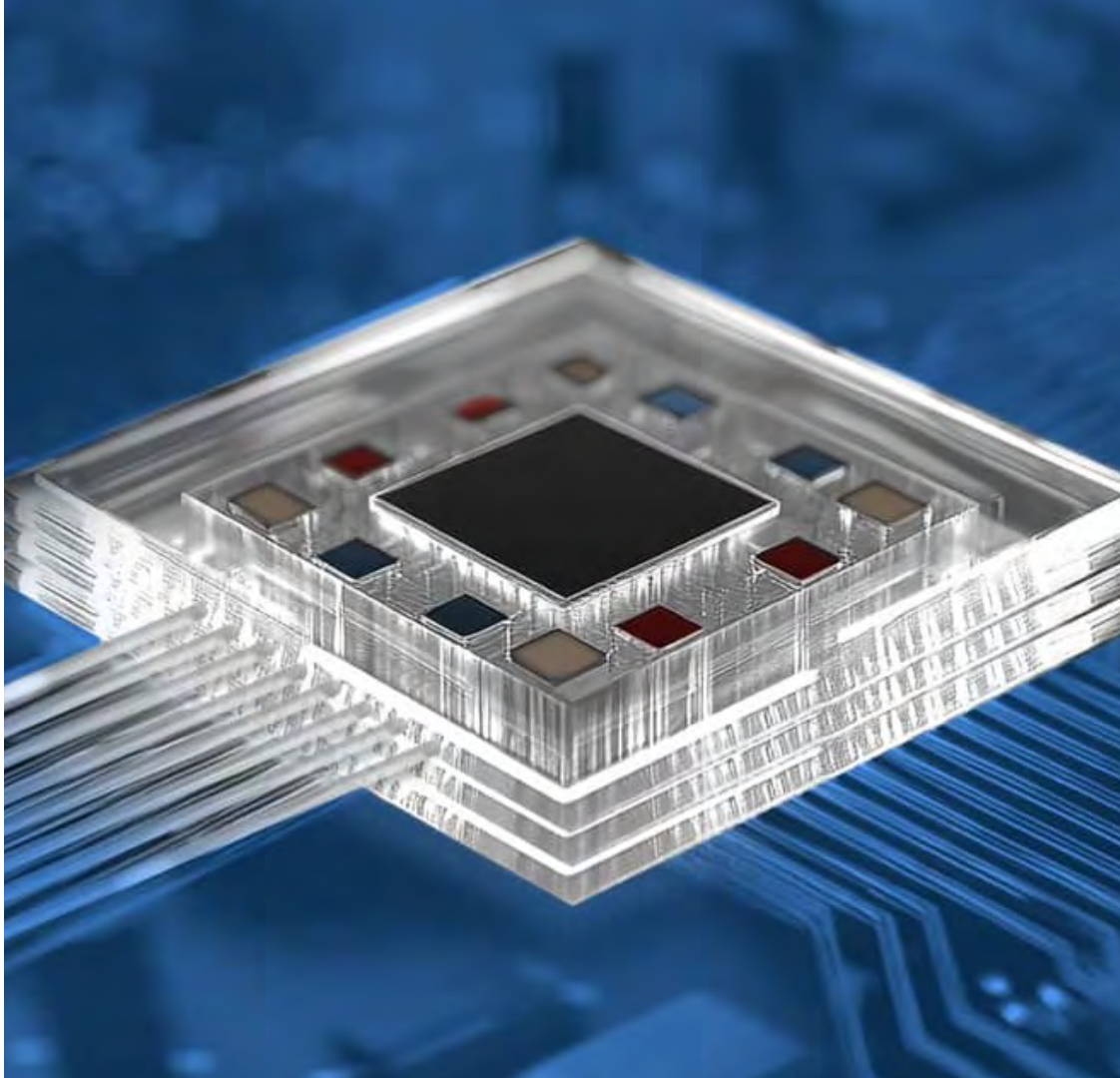
As part of the Co-design Center for Quantum Advantage (C2QA), Creates and Brookhaven National Laboratory (BNL) developed a fabrication process to build superconducting quantum interference devices (SQUIDS) by adapting a technique that is used to synthesize the transition metal silicides used in microprocessors. Dr. Ekta Bhatia, Creates Research Scientist in Quantum Technologies and co-author on the paper remarked, "This publication reflects the power of our strong partnership with Brookhaven under C2QA and accelerates the development of scalable quantum computing. We look forward to building on this work with Brookhaven to drive quantum innovation together."

AIM Photonics Powers Next Wave of Silicon Photonics Innovation

As demand grows for high-performance modulation in silicon photonics, integrating advanced materials into scalable foundry processes is a key step toward enabling next-generation applications. A recently announced design partnership between AIM Photonics members NLM Photonics and Spark Photonics Design is advancing the integration of NLM's silicon organic hybrid materials into silicon photonics foundry processes, supporting applications in high-speed datacom, RF photonics, sensing and other demanding use cases.

NY Creates Quantum Research Published

Creates Research Scientist in Quantum Technologies, Dr. Ekta Bhatia, alongside collaborators at Creates, New Mexico State University, and Brookhaven National Laboratory, published a research article in the Journal of Vacuum Science & Technology B. Their paper, "Temperature-dependent dielectric function of tantalum nitride formed by atomic layer deposition for tunnel barriers in Josephson junctions," adapts a CMOS-compatible materials process, advancing a path toward scalable quantum hardware.



Glass4Chips Summit Held at Creates' Albany NanoTech Complex

The first day of the two-day Glass4Chips Summit was held at Creates' Albany NanoTech Complex and brought together leaders from across industry, academia, government, and research organizations to explore the future of glass substrates and their growing role in advanced semiconductor packaging. Creates was proud to support and participate in these important conversations; Amie Kaplin, Chief of Staff, and Derek Martin, Director of Outreach, delivered the welcome address, and Dr. Robert Geer, VP of Education and Workforce Development, and Gayathri Jampana, Associate Director for Business Development Advanced Packaging, contributed their expertise as panelists.

Research News

Creates Quantum Research Presented at Creates-Hosted AVS 2026

Creates was honored to host the final day of an international conference organized by AVS (Science and Technology of Materials, Interfaces, and Processing), focused on Area Selective Deposition (ASD), a process used in semiconductor development. More than 70 experts from across the U.S. and around the world joined us to learn about Creates and hear insightful presentations from leaders at Creates, Tokyo Electron (TEL), IBM Research, GlobalFoundries, Air Liquide, and other organizations. Dr. Ekta Bhatia, Creates Research Scientist in Quantum Technologies, presented at the AVS 2026 e-Talk, hosted by the American Vacuum Society (AVS) Thin Film Division, on “Enabling Scalable Superconducting Quantum Devices with 300mm Wafer Processes.” During the session, Dr. Bhatia highlighted Creates’ progress toward a 300mm quantum foundry, including wafer-scale fabrication, superconducting thin-film material stacks, and process control approaches that support high-performance, repeatable quantum devices.

Creates’ Research Highlighted at MIT MTL Seminar Series

Dr. Karsten Beckmann, Integration Development Engineer at Creates, presented at the Microsystems Technology Laboratories (MTL) Seminar Series at MIT on “Advanced CMOS+X Memory Platform for Novel Memory Integrations.” His talk spotlighted collaborative work focused on advancing new approaches to memory technology, including the development of 65nm- and 28nm-based memory test vehicles and the demonstration of emerging two- and three-terminal memory devices at the 300mm wafer level.

RPI Semiconductor CoLab Catalyst Seminar Features Creates’ Industry Sustainability Initiatives

Creates and RPI brought together researchers and partners for the Semiconductor CoLab Catalyst Seminar at the RPI Semiconductor CoLab, located at Creates’ Albany NanoTech Complex. Irina Spiry, Sustainability Engineering Manager at Creates, presented “Bridging the Lab-to-Fab Gap: Driving Semiconductor Sustainability at Creates,” highlighting key industry sustainability initiatives taking place on site.

NY Creates in the Spotlight at ASMC: Quantum Computing & Manufacturing Challenges Panel

Dr. Ekta Bhatia, Creates Research Scientist in Quantum Technologies, took the stage at the Advanced Semiconductor Manufacturing Conference (ASMC) to moderate a panel discussion with industry experts on “Quantum Computing & Manufacturing Challenges on the Path to Scale.”

Creates Research Spotlighted at ACerS Nano4Neuro Symposium

Creates Integration Development Engineer, Dr. Karsten Beckmann, helped organize the Nano4Neuro Symposium at the 2026 American Ceramics Society (ACerS) spring event. He also showcased innovative Creates collaborative research focused on advancing next-generation neuron device technology. His presentation highlighted ongoing efforts to develop an integrated neuron device based on the insulator–metal transition of NbO₂ and outlining how performance can be engineered through device geometry and doping strategies.



NY Creates, AIM Photonics Participate in the NY SMART Semiconductor I-Corridor Summit

Creates and AIM Photonics participated in the NY SMART I-Corridor Semiconductor Summit in Rochester, NY. The event brought together industry leaders, researchers, and innovators to discuss the future of semiconductor technology and advanced manufacturing. Dr. Erin Lavigne, Director of EUV Strategy and Partner Relations at Creates, joined the panel discussion, “Accelerating Innovation: Partnerships That Move Technology Forward,” where she highlighted the critical role of collaboration in advancing emerging technologies. Dr. Christopher Striemer, Director of Test, Assembly, and Packaging Operations at AIM Photonics, participated in the Advanced Packaging Summit session, “The Next Frontier in Heterogeneous Integration,” where experts explored the latest developments in advanced packaging and integration strategies. These complementary sessions showcased the technologies and partnerships shaping the future of semiconductor innovation and ecosystem growth.

Research News

NY Creates Research Showcased on a Global Stage

Dr. Maximilian Liehr, Test Engineer for Semiconductor Research and Development at Creates, had the opportunity to present “MRAM Wafer Level Adaptative Edge Testing for Efficient Yield and Reliability Control” at the IEEE International Conference on Microelectronic Test Structures (ICMTS) in Matsue, Japan. His presentation showcased our ongoing collaboration with Hprobe, featuring the Hprobe IBEX tool that is integrated with a Tokyo Electron Precio XL probe station inline, and our in-house developed STT-MRAM devices.

AIM Photonics Showcases Integrated Photonics at Defense Conference

AIM Photonics hosted a booth and concurrent sessions on integrated photonics at the Defense Manufacturing Conference in Orlando. Conference attendees stopped by to learn about the latest initiatives and the ways the Institute continues to support and strengthen the defense industrial base. Throughout the event, visitors explored updates on AIM Photonics’ programs, partnerships, and ongoing projects, sparking meaningful conversations and new connections.

NORDTECH’s Lunch & Learn Series

NORDTECH’s Virtual Lunch & Learn Series focuses on microelectronics-related technologies, initiatives, projects, and topics supported by the Hub. This quarter, the series featured a presentation by Dr. Timothy Morgan, Navy Distinguished Scientist for EO/IR Sensors, who discussed how leveraging the innovation ecosystem to accelerate the lab-to-fab-to-field pipeline provides a key advantage in advancing naval sensing capabilities. The quarter also included a webinar featuring Dr. Benjamin Griffin and Dr. Jess Resig of the Applied Research Institute (ARI), who explored how DARPAConnect helps innovators access and engage with DARPA programs and opportunities.

NORDTECH Attends SPIE Defense + Security Conference

The NORDTECH team attended the SPIE Defense + Security conference in National Harbor, Maryland, connecting with hundreds of industry experts across government, academic, and defense organizations. The conference brings together leaders in sensing, imaging, and defense-related technologies, offering valuable opportunities for collaboration and insight. We’re proud to have NORDTECH highlighting our Creates partnerships and advancing engagement with the broader ecosystem throughout the U.S.

NY Creates Helps Spotlight Semiconductor Growth at NYSEDC Annual Meeting

Derek Martin, Director of Outreach, represented Creates at the NYS Economic Development Council (NYSEDC) annual meeting in Cooperstown. As part of the panel, “From NanoTech to MegaFabs: How Regions Can Participate in New York’s Semiconductor Growth,” Derek joined leaders from across industry, government, and research institutions to discuss how regions can engage in and benefit from New York’s rapidly expanding semiconductor ecosystem.



NY Creates Advanced Quantum Collaboration at ISIG Quantum Computing Infrastructure Summit

Creates took part in International Semiconductor Industry Group's (ISIG) Quantum Computing Infrastructure Summit at Plug and Play (Sunnyvale, CA), helping advance the conversation on what it will take to build a scalable quantum future. Dr. Satyavolu “Pops” Papa Rao, Senior Director of Emerging Technologies and Research at Creates, moderated a dynamic panel, “Foundry Partnerships Driving a Scalable Quantum Future,” featuring leaders from SkyWater Technology, GlobalFoundries, SEEQC, and imec.

Research News

NORDTECH Annual Hub Meeting Held in June at NYU

The NORDTECH Annual Hub Meeting brought together leaders from across government, industry, and academia for two dynamic days of collaboration, insight, and forward-looking discussion. Hosted at the NYU Tandon School of Engineering in Brooklyn, and led by NORDTECH’s founding five members, Creates, Cornell, RPI, University at Albany CNSE, and IBM, the event showcased the growing momentum behind the microelectronics ecosystem and reinforced the critical role of partnerships in driving innovation and strengthening national defense.

AIM Photonics Annual Members Meeting Held in June in Washington, D.C.

Bringing together leaders from government, academia, and the defense industrial base, the meeting featured plenary sessions from federal leaders from the Technology Innovation for the Industrial Base (TIIB), DARPA, and NIST, who highlighted the importance of integrated photonics and its growing impact across critical technology sectors. Through strategic discussions, technical sessions, and member engagement, attendees explored how collaborative manufacturing is shaping the future of secure, scalable, and energy-efficient technologies. The meeting also showcased the breadth of AIM Photonics member capabilities through networking opportunities, technology demonstrations, collaborative discussions, and updates on ongoing programs and strategic initiatives.

NY Creates Attends CEA-Leti Innovation Days (LID) World Summit 2026

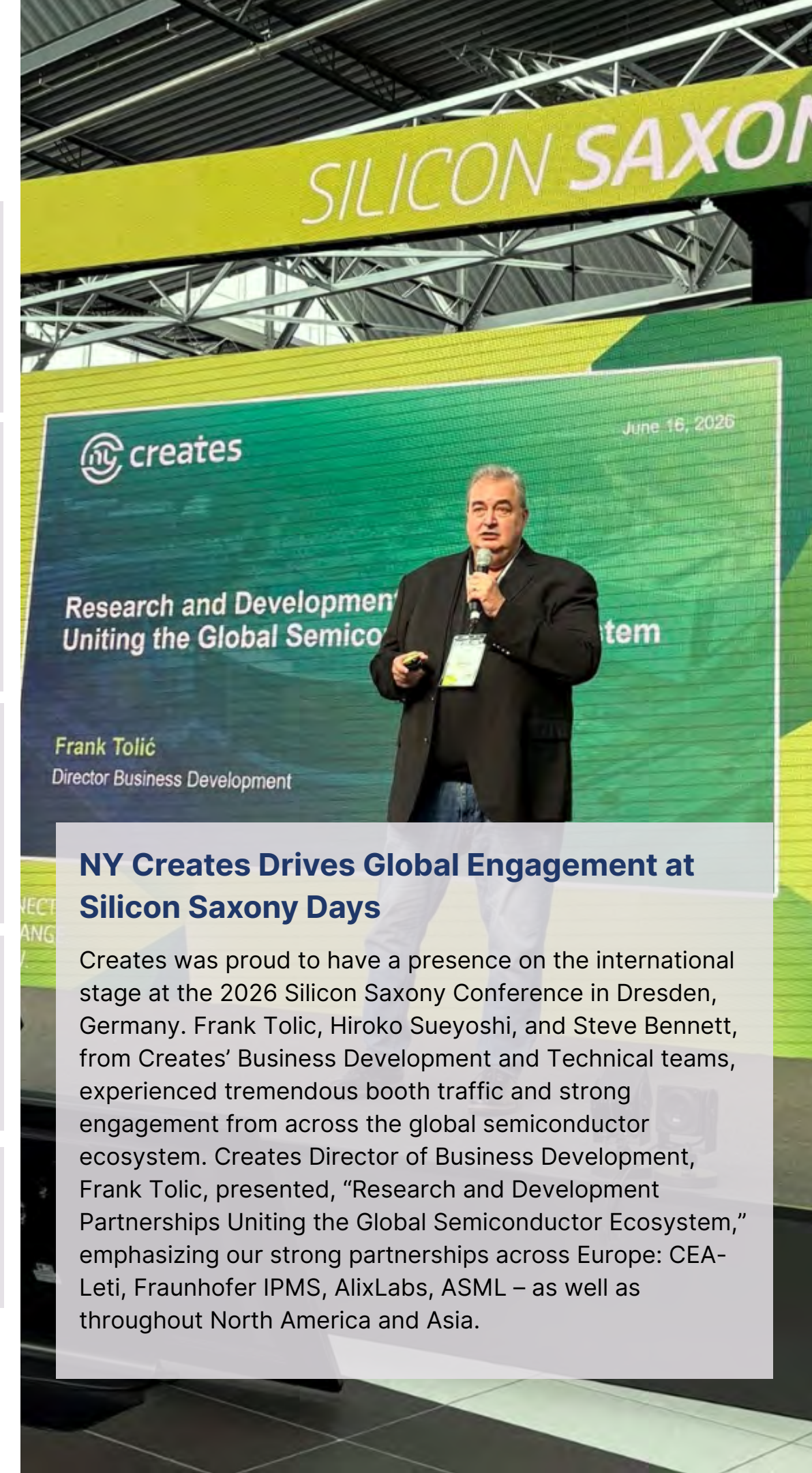
Technical and Business Development team members from Creates – Frank Tolic, Max Liehr, Mark Raymond, and Sean Ogden – kicked off a productive day of meetings with Leti engineers ahead of the LID World Summit in June in Grenoble, France. It was a great opportunity to bring together the Creates and Leti technical teams for a comprehensive joint review of our MRAM JDA program, with discussions highlighting recent milestones, strong electrical performance results, and clear next steps toward even more advanced performance improvements.

NY Creates Research Presented at ICICDT 2026

Dr. Karsten Beckmann, Creates Integration Development Engineer, presented, “28/65nm-based Emerging Memory Test Platform Enabling Lab-to-Fab Transition of Emerging Devices,” at the International Conference on IC Design and Technology (ICICDT) 2026 in Dresden, Germany, in June. His talk highlighted how our platform accelerates the transition of emerging memory technologies from research to manufacturing.

NY Creates Research Presented at Lithography Workshop

Dr. Erin Lavigne, Creates Senior Director for EUV Technology and Strategy, presented, “Enabling an Accelerated Pathway Within the U.S. for Learning on Low NA EUV, High NA EUV and What’s Next,” at the 29th Lithography Workshop in Sedona, Arizona, in June.



NY Creates Drives Global Engagement at Silicon Saxony Days

Creates was proud to have a presence on the international stage at the 2026 Silicon Saxony Conference in Dresden, Germany. Frank Tolic, Hiroko Sueyoshi, and Steve Bennett, from Creates’ Business Development and Technical teams, experienced tremendous booth traffic and strong engagement from across the global semiconductor ecosystem. Creates Director of Business Development, Frank Tolic, presented, “Research and Development Partnerships Uniting the Global Semiconductor Ecosystem,” emphasizing our strong partnerships across Europe: CEA-Leti, Fraunhofer IPMS, AlixLabs, ASML – as well as throughout North America and Asia.

New Workforce Development Initiatives

Congratulations to the Spring Vet S.T.E.P. Cohort

Congratulations to the latest cohort of the **Veteran Semiconductor Training and Experience Program (Vet S.T.E.P.)**, who officially completed their hands-on training at Creates in June. Over the course of this program, these talented U.S. military service members and veterans gained valuable insights from experienced Creates engineers and strengthened their technical skills through immersive, hands-on training. This Creates workforce development program helps veterans and transitioning U.S. military service members gain high-tech skills for the in-demand semiconductor industry. At the same time, it supports Creates' mission to grow the pipeline of skilled workers needed to strengthen the semiconductor ecosystem in New York and the U.S.

Creates Highlighted in MACNY Press Release

Creates was highlighted in The Manufacturers Association of New York's (MACNY) press release, "MACNY Launches the Manufacturers Talent Institute (MTI) to Develop the Next Generation of Skilled Talent in New York and Beyond." As part of this important announcement, Creates VP for Education and Workforce Development, Dr. Robert Geer, emphasized the importance of collaboration and academic development for tomorrow's manufacturing workforce: "Developing the next generation of skilled talent requires more than just hands-on training, it demands strong industry partnerships and structured career pathways. The launch of the Manufacturers Talent Institute (MTI) builds on this approach by expanding access to Registered Apprenticeships and skills-based learning opportunities that connect in-demand talent directly with the needs of advanced manufacturing employers. Creates is proud to partner with MACNY, and we look forward to building upon this announcement to help close the talent gap and bolster the workforce pipeline supporting New York and America's growing semiconductor ecosystem."

Creates Workforce Development Support Featured in Syracuse University Article

An article from Syracuse University highlighted their new initiative called Q-SUCCEED-CNY (Quantum and Semiconductor Upskilling for Career Change through Experiential Education Deployment in Central New York). "The program offers structured exposure to semiconductor optics and quantum technology careers through a combination of educational programming and direct engagement with industry partners. It is supported by a broad network of affiliated organizations committed to regional workforce development, including Micron, Onondaga Community College, Syracuse City School District Adult Education, Westcott Community Center, Manufacturers Association of Central New York, Creates, Cornell University, Toptica Photonics and Jubilee Homes."

Quazi Ummehany Featured in NIICA Apprenticeship Spotlight

In recognition of National Apprenticeship Week, Creates' Research Support Specialist, Quazi Ummehany, was featured in an article by the National Institute for Industry and Career Advancement (NIICA) and Creates to show how apprenticeship connects people to careers while helping critical industries build the workforce they need. As Quazi reflected on her experience with the Registered Apprenticeship (RA) program, she said, "This apprenticeship program has had a transformative impact, providing me with a structured, debt-free pathway to a secure career. Most importantly, it made me more confident and self-assured in my abilities."

Supporting the Launch of GE's Next Engineers Program

Creates is proud to support GE's Next Engineers program alongside miSci and UAlbany CNSE as we kickoff the first student cohort for this program's inaugural round. This initiative equips students ages 13–18 with hands-on learning experiences, career exposure, and college preparation, as it encourages them to pursue engineering pathways. Over the next four years, Next Engineers will help expand the pipeline of future engineering talent, with plans to reach 4,000 local students.

Building Tomorrow's Semiconductor Workforce at the NYDesign Educators Summit

The NYDesign Educators Summit at Creates' Albany NanoTech Complex brought together educators, industry leaders, and workforce development partners for important conversations about strengthening the future semiconductor workforce through integrated circuit (IC) design education. Throughout the summit, attendees explored how industry and education can work together to spark student interest in semiconductors and expand awareness of opportunities in IC design and advanced manufacturing. The summit also featured students currently participating in a NYDesign program at Redemption Christian Academy in Troy, NY. The students' perspectives highlighted the importance of creating early access points and educational opportunities that prepare students for the future semiconductor workforce.

Media Spotlight—Select Coverage

NY Creates President and CEO Featured in Semiconductor Digest Article

President and CEO Dave Anderson shares his perspective on overcoming challenges for the semiconductor industry, the promise of High NA EUV lithography, and the power of collaboration in his recent article in Semiconductor Digest, “Meeting 2nm Node Challenges: Overcoming Scaling Limits Through High NA EUV and Ecosystem Collaboration.” Dave said, “By investing early in standard and High NA EUV lithography infrastructure, and by co-locating chipmakers, equipment suppliers, universities, and government programs under one roof, Creates is shortening the distance between laboratory breakthroughs and manufacturable processes.”

Times Union Highlights NY Creates and Micron Joint Workforce Development Partnership Announcement

A Times Union news article featured Creates and the recent announcement regarding a new joint workforce development program in partnership with Micron, Center for Economic Growth (CEG), and the Manufacturers Association of Central New York (MACNY): “NY Creates, Micron start workforce training program for chip workers: The goal is that 70 percent of the participants will end up with jobs at Micron, which is planning to build several memory chip factories in the Syracuse suburb of Clay.”

WTEN News Highlights NY Creates & Micron Apprenticeship Program

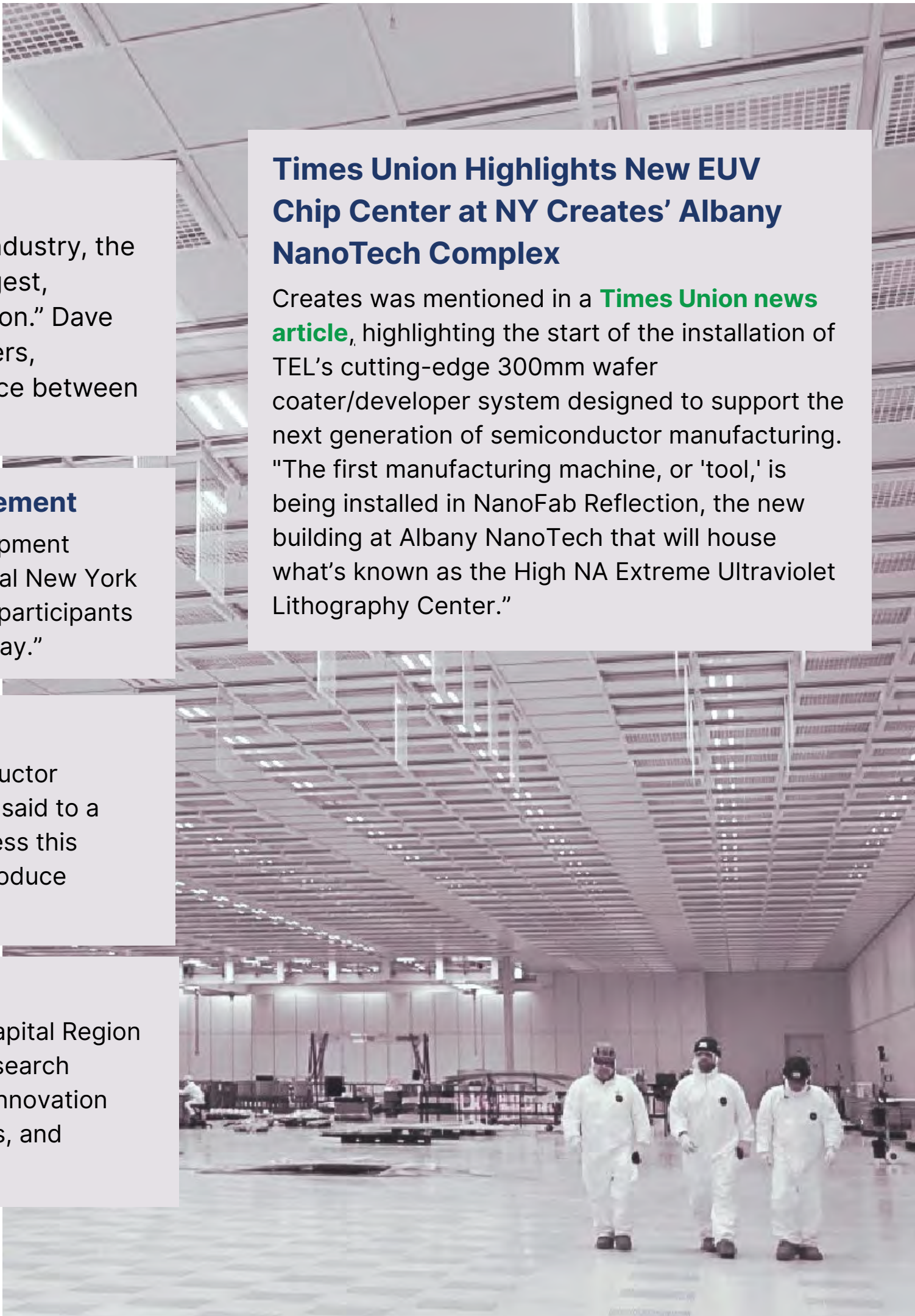
WTEN reported on a new Creates and Micron apprenticeship program: “The number one issue limiting the semiconductor industry’s full potential over the next decade is the availability of talent,” Creates President and CEO Dave Anderson said to a crowd. This coincided with the announcement of a new workforce development apprenticeship with Micron to address this very issue. The apprenticeship will provide hands-on experience within Creates’ Albany NanoTech Complex and introduce participants to career pathways in the semiconductor industry.

CEG: Capital Region Tech R&D Employment Rising

New data from the Center for Economic Growth (CEG) confirms what we’re seeing every day across New York’s Capital Region and beyond: momentum in tech R&D is accelerating. In 2025, employment in physical, engineering, and biological research reached a record high of 7,761 jobs, underscoring the region’s position as one of New York State’s fastest-growing innovation hubs. NY Creates is proud to be at the center of this growth—working alongside industry leaders, academic partners, and government stakeholders to drive cutting-edge innovation while strengthening our local workforce and community.

Times Union Highlights New EUV Chip Center at NY Creates’ Albany NanoTech Complex

Creates was mentioned in a Times Union news article, highlighting the start of the installation of TEL’s cutting-edge 300mm wafer coater/developer system designed to support the next generation of semiconductor manufacturing. “The first manufacturing machine, or ‘tool,’ is being installed in NanoFab Reflection, the new building at Albany NanoTech that will house what’s known as the High NA Extreme Ultraviolet Lithography Center.”



Media Spotlight—Select Coverage

Times Union Highlights Glass4Chips Summit at NY Creates' Albany NanoTech Complex

The Times Union highlighted the Glass4Chips Summit that took place at Creates' Albany NanoTech Complex: "By convening leaders from public, private, and nonprofit sectors, this event will drive expanded collaborative opportunities while highlighting the role of glass packaging in bridging lab-to-fab challenges, supporting the semiconductor ecosystem across New York state and the U.S.," David Anderson said."

Engineering News Record Spotlights NanoFab Reflection Project

Engineering News-Record recently highlighted the progress of NanoFab Reflection, the state-of-the-art semiconductor R&D facility taking shape at our Albany NanoTech Complex: "NanoFab Reflection will be the first addition in more than a decade to the NanoTech Complex, a cluster of similar buildings dedicated to semiconductor science. Owned and operated by NY Creates...the building will add about 30% more clean room space to the campus. A major component of its inaugural equipment will be a cutting-edge device for etching microchip circuits with ultraviolet light."

FuzeHub Blog Features NY Creates Senior Director on Quantum Computing Progress

In FuzeHub's latest featured blog "Quantum Computing: What Manufacturers Need to Know," Dr. Satyavolu "Pops" Papa Rao, Senior Director of Emerging Technologies and Research at Creates, explores how this emerging technology could impact the manufacturing industry. "It's been said that people always underestimate the impact of technology in the long term and overestimate it over the near term," Pops explains, underscoring both the promise of quantum computing and the importance of preparing now for its future impact.

NY Creates Featured in Advanced Manufacturing Article

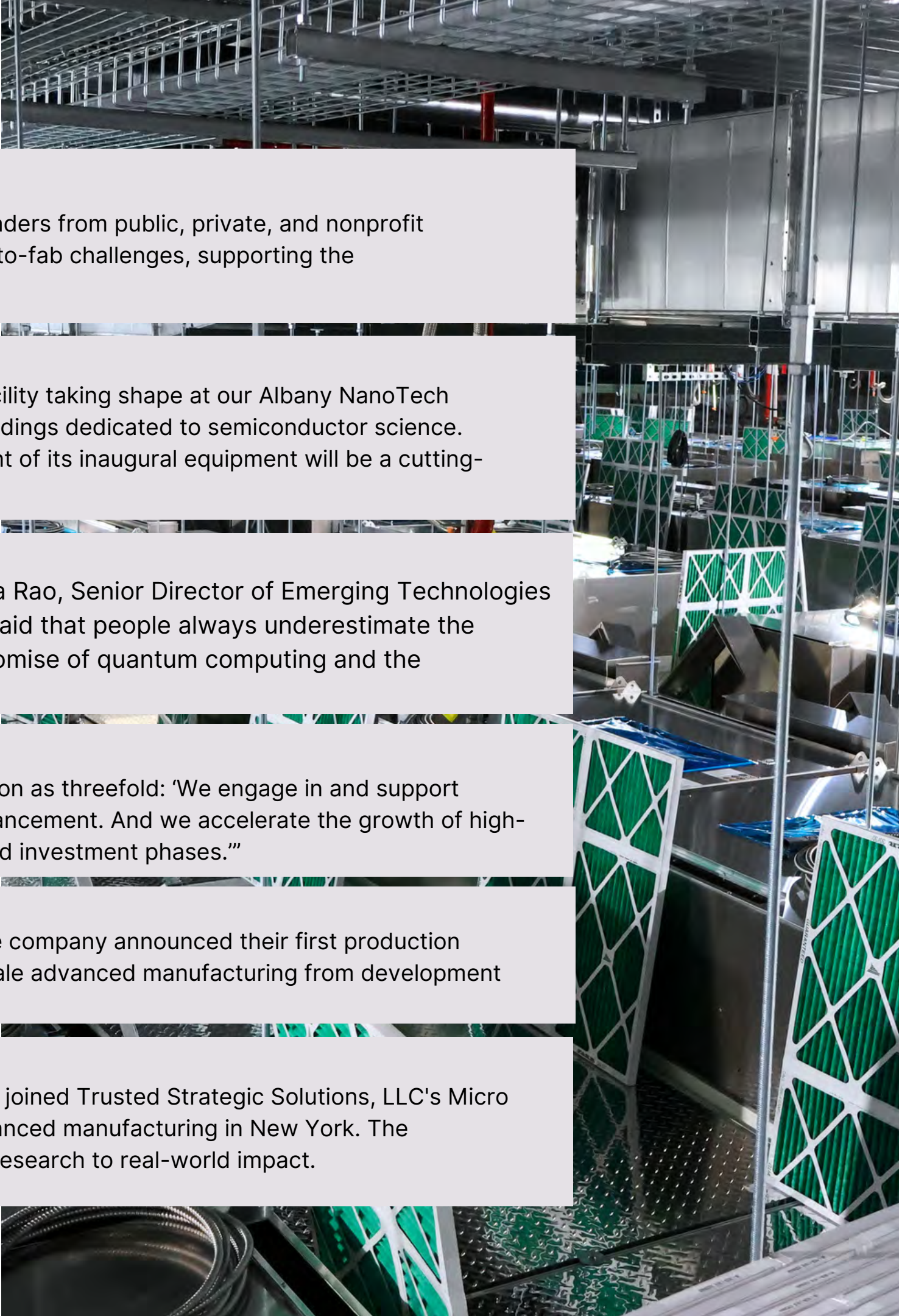
Creates Director of Communications, Steve Ference, **spoke with Advanced Manufacturing**: "Ference describes the site's mission as threefold: 'We engage in and support world-class semiconductor-based R&D and related partnerships. We facilitate workforce development and drive economic advancement. And we accelerate the growth of high-value, high-tech companies by attracting them to New York and supporting them through concept-development, incubation, and investment phases.'"

NY Creates-Supported Facilities Drive Norsk Titanium's Production Breakthrough

Norsk Titanium marked a major milestone, providing a great example of what's happening at Creates-supported facilities, as the company announced their first production contract with Northrop Grumman. This production contract highlights how sustained investment and partnership are helping scale advanced manufacturing from development to deployment, right here in New York.

Micro Journeys at GOMACTech: How NORDTECH is Advancing New York's Innovation Ecosystem

At the GOMACTech conference in March, Creates Director and former NORDTECH Technical Director, Dr. Nicholas Fahrenkopf, joined Trusted Strategic Solutions, LLC's Micro Journeys podcast host Daniel Marrujo **for a dynamic conversation** on the future of microelectronics, nanotechnology, and advanced manufacturing in New York. The discussion highlighted how strategic partnerships and regional collaboration are accelerating the transition from breakthrough research to real-world impact.



Employee Engagement



Creates Town Hall Meetings

President and CEO Dave Anderson and other members of the Senior Leadership Team shared key organizational updates and celebrated our achievements at a series of Town Hall Meetings, including growth highlights and discussion of Creates' culture.

Talent on Display: Employee Art Show

Our Creates employees displayed their creative sides at our first-ever Employee Art Show. We had many wonderful contributions in photography, painting, and drawing that showcased the talents of our team members. Each work of art takes dedication, time, and concentration, and we were so glad to have the opportunity to see the artists' passion firsthand. At the same time, the Sip Society 518 Coffee Cart provided delicious, caffeinated beverages for all to enjoy.



AI April

Creates' Cybersecurity Team hosted a series of events in April focusing on artificial intelligence. "AI April" kicked off with an AI Open House that allowed Creates employees to explore various interactive activities and learn more about the AI tools available to them. Guest speaker Elijah Cedeno from the Multi-State Information Sharing and Analysis Center presented an introduction to AI and how companies are navigating AI in the corporate workplace. Guest speaker Johnny Griffin from New York State Police NITRO also presented on emerging AI threats and considerations from a law enforcement perspective.



Spring Step Challenge

Creates staff laced up their sneakers and collectively moved 44,652,507 steps in the month of May, equivalent to 22,326 miles, or almost the length of the earth's equator.

Employee Engagement



CDPHP Workforce Challenge

Our employees hit the pavement for this year's CDPHP Workforce Team Challenge, joining thousands from across the Capital Region for the annual 5K event supporting the Hudson-Mohawk Road Runners Club. From start to finish, our Creates team showed incredible energy, enthusiasm, and team spirit outside the workplace.



Workforce Development Night at Tri-City ValleyCats

Our team brought their families out to the Tri-City ValleyCats ballgame to enjoy an evening of connection, conversation, and community. Members of our Creates team were on hand to connect and network with interested job seekers as part of Workforce Development Night at Joseph L. Bruno Stadium. Creates Director of Marketing and Strategic Affairs, Jason Cornwall, and VP of Human Resources, Will Bronner, threw out the first pitches before the ValleyCats played their way to a big win!



Creates Classic

The third annual Creates Classic golf outing brought together colleagues, industry partners, and friends of Creates for a great day on the golf course while financially supporting the programmatic and equipment needs of Creates' Workforce Development initiatives.



American Red Cross Blood Drive

Creates was proud to partner with the American Red Cross at our Albany NanoTech Complex to help address the nationwide blood shortage. Organized by students from Tech Valley High School, the blood drive also featured student volunteers who dedicated their time to supporting the effort throughout the day. This initiative highlights the strength of our community and our shared commitment to supporting those in critical need. When we come together, our impact reaches far beyond the workplace.



Accelerating Innovation

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