



2023 Q2: Opening Doors

As we forge ahead in 2023, KMI is making significant progress and embracing new challenges. As our team continues to grow we are eager to share our latest accomplishments. KMI is proud to welcome interns from the Department of Defense SkillBridge Program and local Michigan universities to immerse them in the space industry and develop their professional experience. Together we are completing milestones, setting our path, and opening future opportunities.

Growth:

- ◇ KMI is developing new space industry professionals with the addition of five new interns from programs in the State of Michigan as well as through [DoD SkillBridge](#):
 - SkillBridge Interns:
 - Dustin Walker, Technical Business Development Associate Intern
 - Donald Coughenour, Procurement Management Intern
 - Student Interns, Science Department:
 - Harshita Challa, University of Michigan
 - Raquel Leisner, Michigan Technological University
 - Rose Schopfer, Northern Michigan University
- ◇ Despite ecosystem delays, KMI is successfully closing our seed round, with full partnership announcements to come. With supporters new and old, we continue growing!

Selections, Successes, & Awards

- ◇ Awarded a USAF contract supporting the development of KMI's [TumbEye software](#). This effort will further investigate methods to enable Rendezvous Proximity Operations and Docking with uncontrolled and unprepared orbital objects for Active Debris Removal.
- ◇ Completed [three USSF contracts](#) through AFRL for [Orbital Prime](#) Phase I STTRs
- ◇ Received a [2023 Michigan Best Small Business](#) award from APEX Accelerator (formerly PTAC)
- ◇ Selected as a [Michigan State University](#) Student Venture Capital [competition winner](#)
- ◇ Selected as the [NewSpace Nexus Fast Pitch](#) event winner at State of the Space Industrial Base (SSIB) as a graduating NewSpace Elite company
- ◇ Graduated from the [Creative Destruction Lab](#) (CDL) Space Stream



Submissions:

- ◇ KMI is looking to the future, having submitted a round of proposals for US Space Force (USSF), Air Force Research Lab (AFRL), US Air Force (USAF), and NASA solicitations. Proposal efforts have yet-to-be-released developments, but include proposals to:



- ◇ AFWERX Direct to Phase II SBIR, *Raw Resource Salvage and Shipment with Laelaps Autonomous Spacecraft*



- ◇ AFRL Space Technology Advanced Research (STAR) *Non-destructive RSO Remediation via Guard Dog Satellite Design*
- ◇ USSF SpaceWERX Orbital Prime Phase II STTR
 - *REACCH: Adhering Arms Architecture for Unprepared Surface Capture* with the University of Southern California (USC)
 - *Asteria: Permanent Attachment of Supplementary Module to RSO* with Stanford University
 - *Complete SSO Debris Removal Via Collection Station* with MIT
- ◇ NASA TechFlights *Optimized Machine Vision Software for In-Orbit Object Motion Analysis*
- ◇ NASA ROSES
 - *Economic and Dynamical Analysis of Debris Risk to High-Use Orbital Regimes with Specific Operator Utility*
 - *Extending Research on the Optimal Approach for Remediation of Most Dangerous Debris via Collection Station-Based Missions*

Conferences & Events:

January 2023

- ◇ [KMI signed](#) international, multilateral controlled reentry agreement from the Outer Space Institute on [“Reducing Risks from Uncontrolled Reentries of Rocket Bodies.”](#)
- ◇ From conversations in San Francisco, [TALRadio](#) covered KMI & space debris.
- ◇ Hometown publication [Word on the Street](#) featured KMI while discussing efforts of debris removal.

February 2023

- ◇ Represented KMI in CDL Session #3 in person in Paris, France.
- ◇ Joined global leaders in the Washington Compact led by The Hague Institute for Global Justice in signing the [“Norms of Behavior for Commercial Space Operations.”](#)
- ◇ Featured at New Space Chicago’s [“The Future of the Space Industry in Chicago”](#) event.
- ◇ Through NewSpace New Mexico’s Ignitor accelerator, with AFRL, [KMI pitched](#) to experts and investors based in Albuquerque, New Mexico, and was awarded Elite startup status.

March 2023

- ◇ Featured as a Midwest Madness Elite 8 company in a pitch competition during South by Southwest.
- ◇ Engaged at the inaugural Strategic Space Summit of the [Concordia Center for National Security and Space Center](#) (CCNSS).
- ◇ Adam Kall led students in demonstrating the physics of light and color for the [Michigan Tech Mind Trekkers](#) at Gwinn High School for the Mind Trekkers Superior Shores Festival.

April 2023

- ◇ The USC Space Engineering Research Center (SERC) featured KMI in its article [More Debris, More Problems: Building Technology to Clean Up Space.](#)
- ◇ Joined the Space Safety Coalition in the [Best Practices for the Sustainability of Space Operations](#) to modernize the ‘rules of the road’ for the ever-busier space of orbit.
- ◇ Attended the National Space Symposium 2023 in Colorado Springs, releasing the prototype pricing decks for debris removal ([as featured by SpaceNews](#)).
- ◇ KMI was featured in [coverage](#) on the 2023 Michigan Best Small Business award by the Michigan Business Network podcast with Jeffrey Mosher.
- ◇ Through an [in-depth and detailed article](#), KMI was spotlighted by Dianna Stampfler of UpWord to discuss the company's history, activities, and goals.

May 2023

- ◇ Represented by Adam Kall, KMI presented at the inaugural [Innovation Week](#) hosted by SISU: The Innovation Institute at NMU and Innovate Marquette Smartzone.
- ◇ Presented to the Michigan Capital Network at their spring in-person summit.



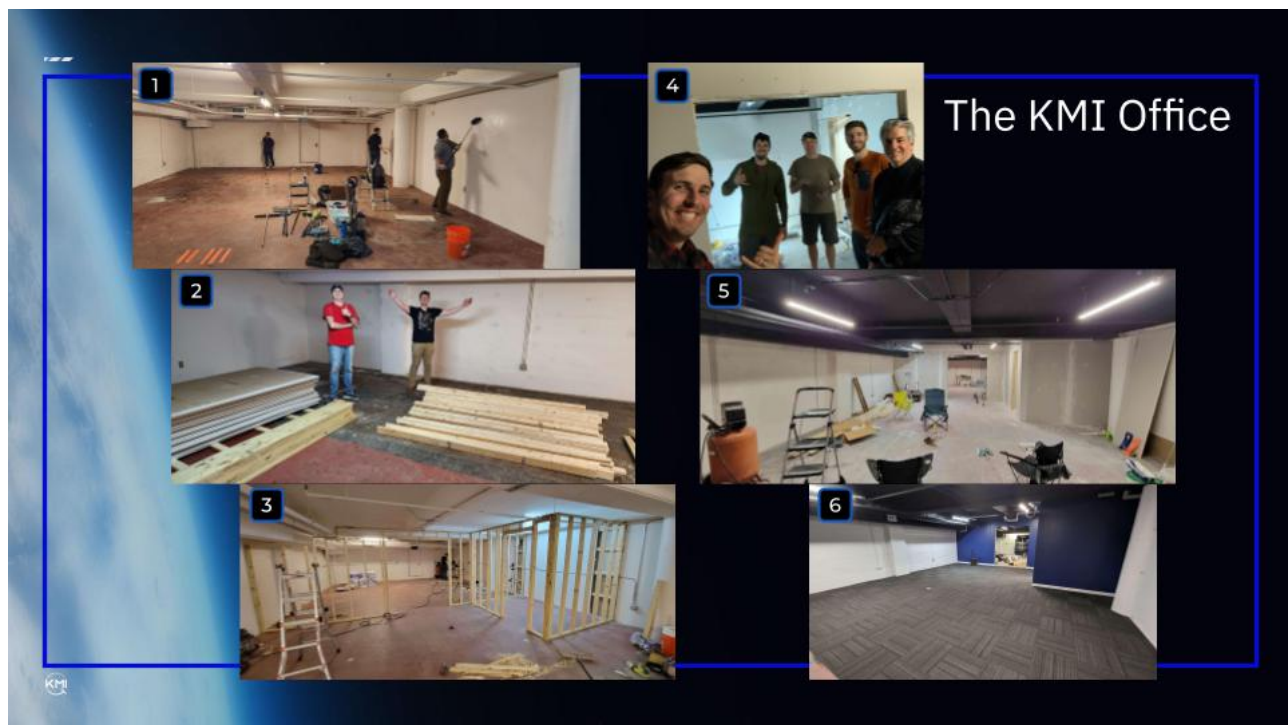
- ◇ Adam Kall and Austin Morris were [interviewed](#) by local NBC news to discuss KMI.
- ◇ KMI presented as an expert panelist for the In-space Servicing, Assembly, and Manufacturing (ISAM) workshop at the State of the Space Industrial Base in New Mexico, meeting with fellow industry, innovation arms of the government, aerospace experts, and interested investors.
- ◇ Flagstar Bank featured KMI during [#SmallBusinessMonth](#) through social media channels

June 2023

- ◇ KMI attended the CDL Super Session in Toronto, Canada, receiving a distinguished mention.
- ◇ Troy Morris presented to invited agency and industry experts through the [NASA Commercial Space Lecture Series](#) on *Using RSO in SSO for a LEO Eco(nomy)*.
- ◇ [KMI announced](#) the International Space Station National Laboratory (ISSNL) contract with the Center for the Advancement of Science in Space (CASIS) to demonstrate KMI's patented REACCH technology in the ISS.

Upcoming in 2023 and 2024

- ◇ [ISS Research & Development Conference](#) in Seattle, Washington, July 31 - Aug 3, 2023.
- ◇ Headquarters in Marquette to be fully operational with a grand opening planned for Sept 2023.
- ◇ [Global Satellite Servicing Forum](#) (GSSF) by CONFERS and the NASA ISAM Workshop, both in Arlington, Virginia, from October 9 - 12, 2023.
- ◇ The REACCH demonstration will launch to the [ISS for microgravity testing](#) in spring 2024.



Time Series Shots: KMI headquarters is taking shape, shown in these progress pictures.

Stay tuned for our future events and ongoing opportunities!

We thank you for your continued engagement and look forward to sharing even more with you throughout the year. With your support, KMI can accomplish our mission of **#KeepingSpaceClearForAll**.