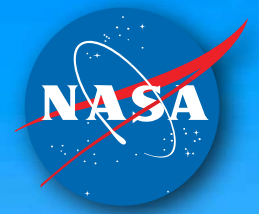


National Aeronautics and Space Administration

# THE NRP POST

A Publication of NASA Research Park



2024 Issue 1

AMES RESEARCH CENTER

UC Berkeley NASA  
Partnership Inspiring  
Next Generation



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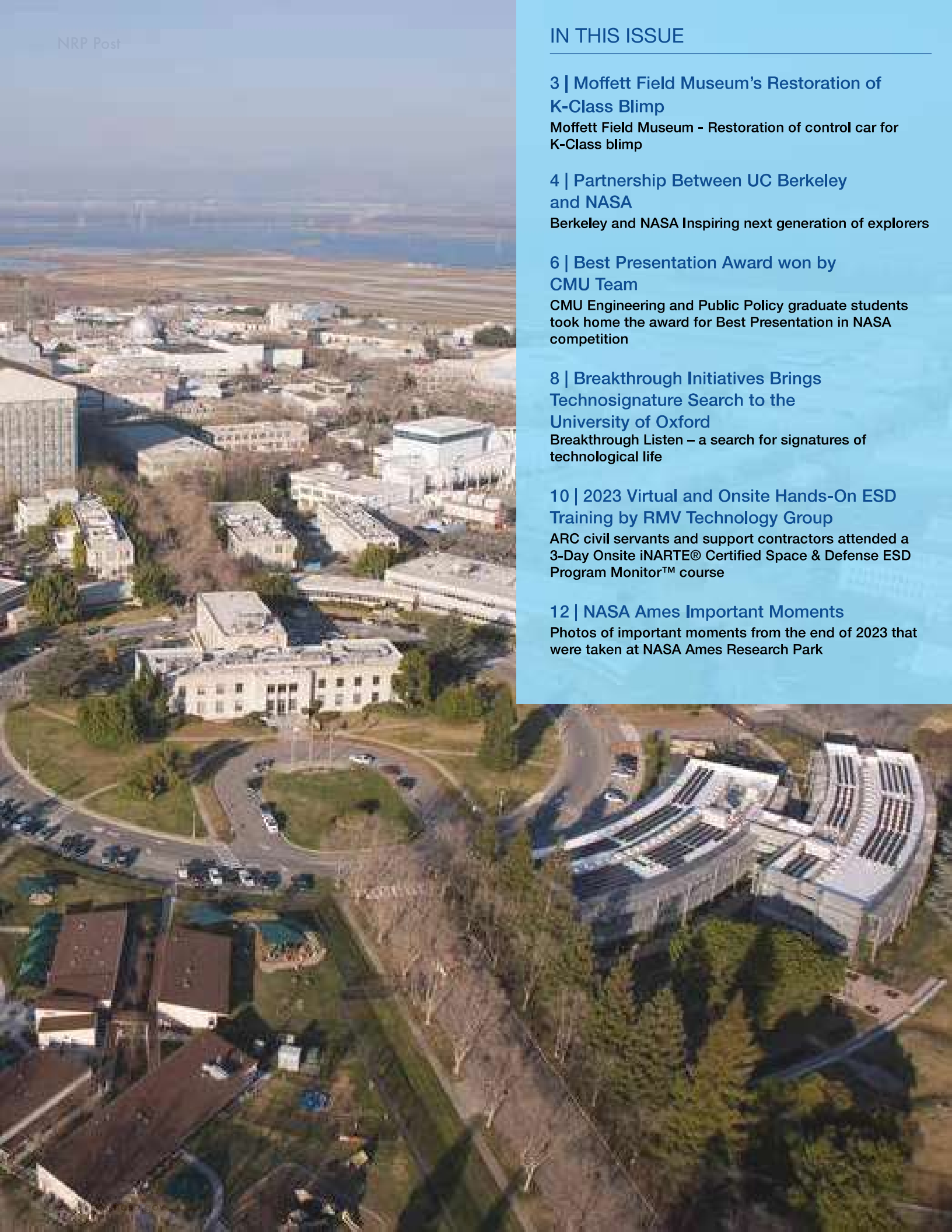
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## 2023 Virtual and Onsite Hands-On ESD Training for the Agency and Defense Contractors was a Huge Success!

Renee Mitchell, President RMV Technology Group LLC, Moffett Field, California December 20, 2023

In March 2023, ARC civil servants and support contractors attended the 3-Day Onsite iNARTE® Certified Space & Defense ESD Program Monitor™ course to meet NASA requirements for ESD workstation requirements to NASA STD. 8739.6B, Chapter 7, taught by Bob Vermillion, RMV CEO/Founder, CPP, Fellow, Certified ESD & Product Safety Engineer-iNARTE.®

In March 2023, ARC civil servants and support contractors attended the 3-Day Onsite iNARTE® Certified Space & Defense ESD Program Monitor™ course to meet NASA requirements for ESD workstation requirements to NASA STD. 8739.6B, Chapter 7, taught by Bob Vermillion, RMV CEO/Founder, CPP, Fellow, Certified ESD & Product Safety Engineer-iNARTE.®

From April 24-28, 2023, the RMV leadership team held a 5-day comprehensive iNARTE® Certified, Aerospace & Defense ESD Engineer™ training course for NASA, DoD and DOE contractors. The RMV leadership with Agency ESD Program Manager support led the individual break-out sessions for ESD Instrument training. An astronomical success!

The iNARTE® ESD Space & Defense training included Class 0Z & 0A Safeguards, ESD Products and Packaging, Material Handling, Long Term Storage & Transport and how to locate ESD Events during manufacturing and assembly before liftoff. Suspect ESD Counterfeit products and protective packaging were also included to demonstrate the high risk of online purchases without verification for Mission Critical projects.

Hands-on sessions to differentiate conforming and non-conforming materials in real time proved to be a real game changer of Supplier products and packaging. Workshops and breakout sessions reinforced the training with safety procedures in place. ESD/ESA Issues and CubeSat Integrity, Equipment Standards, Reliability, Low RH ESD Testing Methods (for harsh environments)



and correct usage of ESD Instrumentation with support Case Studies were highlighted to include ESD Protected Area (EPA) Certification and Verification Measurements for NASA-STD-8739.6B, Chapter 7, ANSI/ESD S20.20 compliance and applicable MIL-STDs for ESD Assessment Practices and troubleshooting of Mission requirements.

In November 2023, the iNARTE® Space & Defense Virtual 3-Day iNARTE® ESD Program Monitor™ course took place from the lab at RMV for multiple NASA centers. In 2021, Bob Vermillion received an Award of Excellence from NASA for the design and development of a Virtual Training platform held in July 2021 during the height of the COVID shutdown.

In cooperation with Exemplar Global, the 3rd party international global certification body, RMV exclusively designed and developed a unique iNARTE® Space & Defense platform of courses for material and product conformance of ultra-sensitive devices that require ESD protection for environmental extremes at each stage from deployment to re-entry from space, the arctic and desert-like conditions, as in theatre and for National Defense that require missile readiness at all times.

RMV courses are intended for Project Managers, Supervisors, Avionics and Quality Engineers, lab technicians, repair depots and Facility Operations where extreme environmental conditions will impact those that package, handle, store, transport and kit EEE sensitive parts for land, air, sea and space for contractor compliance to NASA Standard 8739.6B, Chapter 7, now

required by NASA for all new contracts.

Since 2009, RMV, a NASA Industry Partner and Service-Disabled Veteran Owned Small Business, is located onsite at NASA Ames Research Park. Recently relocated to our new HQ, RMV is just two blocks over from our original location, down the street from the NASA Badging office and one block south of the USGS newly constructed facility. The remodeling and reconstruction of the historic dirigible for GOOGLE can be seen from our front door.

In support of the Agency, RMV is the largest and most advanced ESD Materials and Product Qualification Testing Laboratory on a NASA site in addition to our internationally accredited iNARTE® Training Center for NASA and the DoD to better protect the Warfighter.

For more information on the next On-Site iNARTE® Space & Defense ESD Program Monitor Training Course, please contact Renee Mitchell at 650-964-4792 or email [renee@esdrmv.com](mailto:renee@esdrmv.com). You can also visit [www.esdaerospacetraining.org](http://www.esdaerospacetraining.org). We always welcome your inquiries by phone or email.



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