

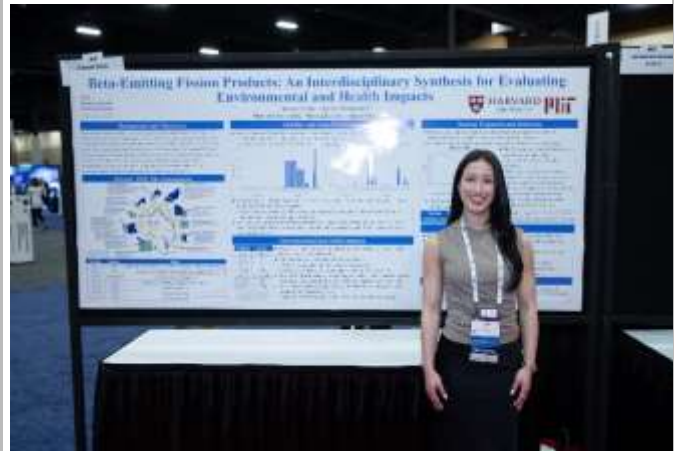


**2024 Poster Winners**

WM Symposia, Inc. believes that the following posters presented at our annual WM Conference represent the finest in technical and policy innovations.

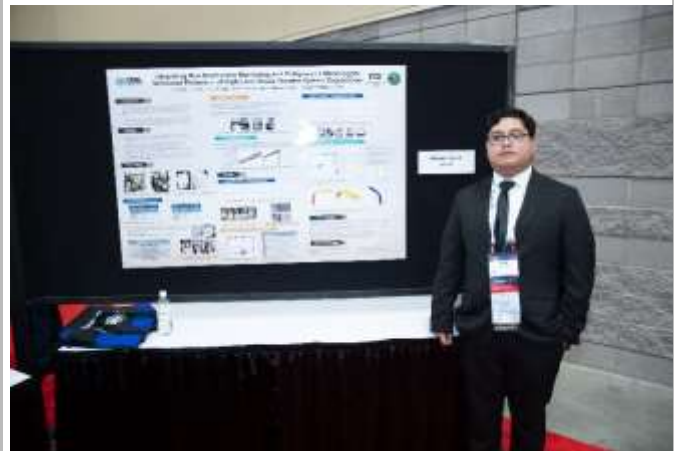
**Student Poster Competition Winners**

**Undergraduate:**  
 Beta-Emitting Fission Products: An Interdisciplinary Synthesis for Evaluating Environmental and Health Impacts  
 #24727



Authors: Lorelei Cook Harvard University; Haruko Wainwright, Massachusetts Institute of Technology

**Graduate:**  
 Evaluating the Erosion and Corrosion Behavior in Nuclear Waste Transfer Systems  
 #24741



Author: Bryant Pineda, Applied Research Center - FIU



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**TRACK 2: HLW/SNF/TRU**

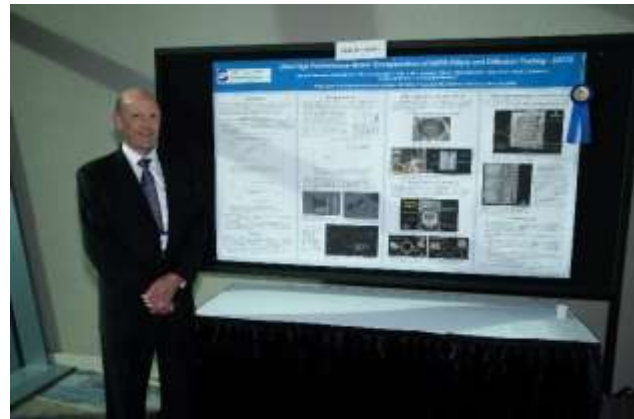
Cost Comparison for Deep Borehole  
Disposal as Alternative to Mined  
Repository  
#24820



Authors: William Duggan (pictured), Eric Knox,  
Amentum

**TRACK 3: L/ILW & NORM**

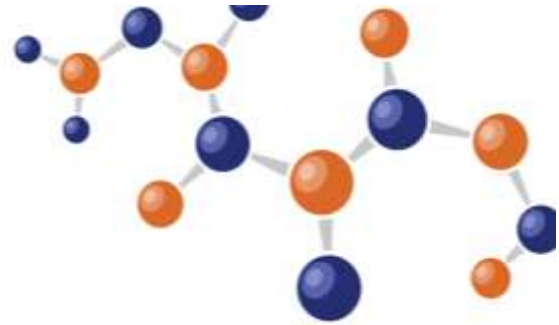
Ultra High Performance Grout:  
Encapsulation of HEPA Filters and Diffusion  
Testing  
#24772



Authors: David Swanberg (pictured), Rodney  
Skeen, Jeanne Bernards, Ridha Malbrouki, Grace  
Chen, Buddy Cunningham, Douglas Teachout,  
Washington River Protection Solutions; Ralph  
Nichols, Holly VerMeulen, Katie Hill, Savannah  
River National Laboratory

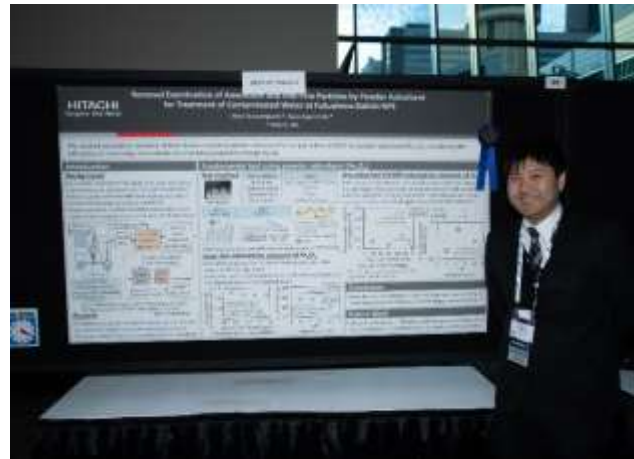


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**TRACK 4: NUCLEAR POWER**

Removal Examination of Americium and Iron Fine Particles by Powder Adsorbent for Treatment of Contaminated Water at Fukushima Daiichi NPS #24034



Authors: Akira Tsutsumiguchi (pictured), Kazushige Ishida, Hitachi, Ltd. (Japan)

**TRACK 5: PACKAGING &  
TRANSPORTATION**

INL SNF Road-Ready Capability Demonstration – Updates and Progress #24071



Authors: Sam Trost, Devin Imholte, Nathan Hofmeister (pictured), Daniel Thomas, Idaho National Laboratory



**TRACK 6: DECONTAMINATION &  
DECOMMISSIONING**

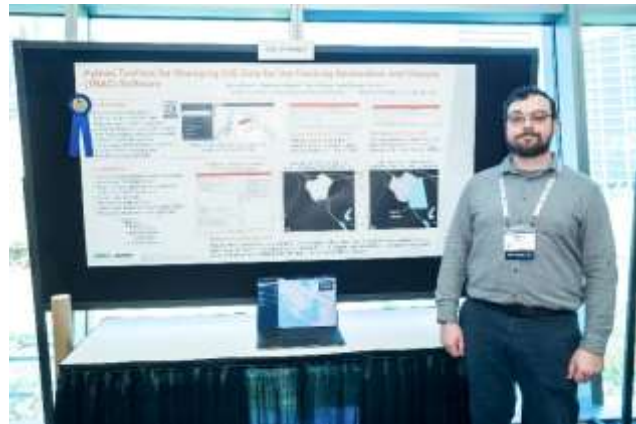
Electrochemical Performance of an  
Epoxy/Polyurea Coating System for the  
Protection of Degraded Concrete  
Infrastructures at DOE-EM Sites  
#24503



Authors: Dwayne McDaniel (pictured),  
Mayren Echeverria Boan, Douglas Baptiste,  
Leo Lagos, Applied Research Center - FIU

**TRACK 7: ENVIRONMENTAL  
REMEDATION**

Python Toolbox for Managing GIS Data for  
the Tracking Restoration and Closure  
(TRAC) Software  
#24304



Authors: Marcus Perry (pictured), Christian  
Johnson, Partick Royer, Pacific Northwest  
National Laboratory; Thomas Prichard, North  
Wind Portage, Inc.



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**TRACK 8: COMMUNICATION,  
EDUCATION & TRAINING**

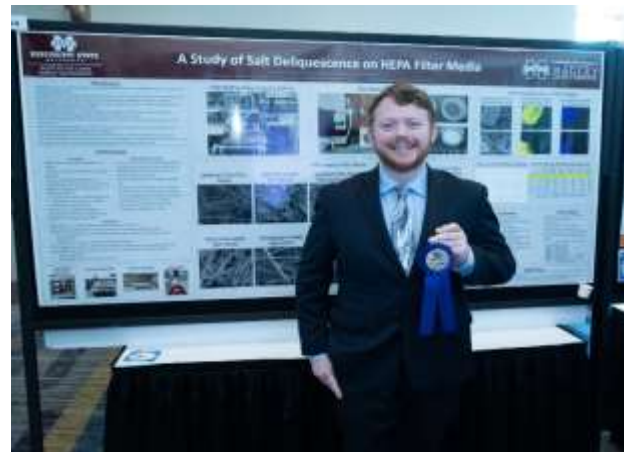
Fostering a Sustainability Culture in UK Radwaste Management  
#24416



Authors: Beth Haynes (pictured), Robert Ward, Nuclear Waste Services (United Kingdom)

**TRACK 9: SPECIAL TOPICS & MULTI-  
TRACK CROSS CUTTING (ST)**

A Study of Salt Deliquescence on HEPA Filter Media  
#24459



Authors: Joshua Randle (pictured), John Wilson, Jaime Rickert Gibson, Institute for Clean Energy Technology – Mississippi State University

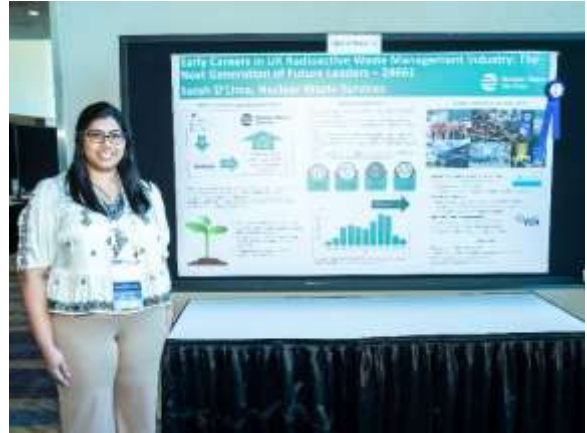


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**TRACK 10: LEVERAGING SCIENCE, TECHNOLOGY, ENGINEERING AND MATH EDUCATION FOR THE FUTURE (STEM)**

Early Careers in UK Radioactive Waste Management Industry: The Next Generation of Future Leaders  
#24661



Author: Sarah D'Lima, Nuclear Waste Services (United Kingdom)

**TRACK 11: ADVANCED NUCLEAR REACTORS FOR ELECTRICAL POWER AND OTHER APPLICATIONS (ANR)**

NO POSTERS FOR WM2024