

# In the Beam... Science in the Fast Lane

Education Outreach Programs, in partnership with the Savannah River National Laboratory, invites you to join our team as we dive into the molecular world of mass spectrometry. Created for Virtual Reality, this 2D journey follows a sample through a mass spectrometer at the Savannah River Site. Need some suggested careers? We cover that also.

**Roundtrip: 6 minutes**

Mass Spectrometry is an analytical technique that separates molecular and atomic species according to their mass-to-charge ratio. Often described as the world's smallest mass scale, mass spectrometers support process decisions across the Department of Energy complex.

Complete this short form to receive the video link and educator guide for an introduction to the molecular world of mass spectrometry.

Ready... Set... Ionize!

<https://www.surveymonkey.com/r/INTHEBEAM>

Questions? Contact Kim Mitchell ([kimberly.mitchell@srs.gov](mailto:kimberly.mitchell@srs.gov)) or Taylor Rice ([taylor.rice@srs.gov](mailto:taylor.rice@srs.gov))

