

Jeff Chancellor, M.S., (Ph.D. candidate, Texas A&M)

Jeff Chancellor is a Radiation Scientist at the National Space Biomedical Research Institute and a Senior Project Manager at the Baylor College of Medicine. Jeff oversees the Radiation Effects projects and helps manage the diverse NSBRI portfolio of science and technology.

Jeff graduated from the University of Houston with a Bachelor and Master of Physics. He is currently completing a dissertation for a Ph.D. in Theoretical Health Physics from Texas A&M University.

Prior to joining the National Space Biomedical Research Institute, Jeff was a Senior Research Engineer with Lockheed Martin at the Johnson Space Center. As part of the Mission Management team, he contributed to the success of four Space Shuttle Missions, trained the crew and Flight Surgeons in space weather and medical physics, and worked in Mission Control, helping monitor crew activities aboard the International Space Station and Space Shuttle. He also worked extensively with the design team for the Orion vehicle, helping the effort to reach an optimum mass configuration that would maximize the flight crew's shielding during solar particle events.

Jeff's current research involves modeling the angular discrepancy in off-axis fragments produced by inelastic nuclear interactions in Monty Carlo particle transport codes.