

**Personal Information**

Address: 1599A 39th Street  
Los Alamos, NM 87544  
Phone: +1 (920) 858-8783  
Email: [casey.alan.anderson@gmail.com](mailto:casey.alan.anderson@gmail.com)

**CASEY A. ANDERSON**

<https://www.linkedin.com/in/caseyalananderson>

**Work Information**

Address: P.O. Box 1663  
Los Alamos, NM 87545  
Phone: +1 (505) 667-5968  
Email: [casey\\_a@lanl.gov](mailto:casey_a@lanl.gov)

**Cover Letter**

September 29, 2017

Dr. Misa Cowee,

Space Science & Applications Group  
Los Alamos National Laboratory  
P.O. Box 1663  
Los Alamos, NM 87545

It is a pleasure to submit my cover letter and résumé for position IRC59421 in the Space Science & Application Group at Los Alamos National Laboratory. With significant experience in MCNP and Python, including the modeling and simulating of detectors and their responses, I am ready to become an immediate and effective member of the ISR-1 team.

Below is a summary of my knowledge, skills, and accomplishments relevant to this position:

- Master's Degrees in Nuclear Engineering from the University of Wisconsin - Madison and Biophysics from the Medical College of Wisconsin with a combined six years of research experience in the physical sciences
- A cumulative six years of experience in scientific research, with a primary focus on computational physics, and over five years research experience focused on software development, computational physics, and modeling and simulation
- Modeling and simulation experience using finite-element models developed in Abaqus/CAE and coupled with radiation transport in MCNP
- Independent at solving technical problems and delivering results when needed
- Experienced in the design, integration, and unit testing of software, including version control using Mercurial and Git
- Effective in technical communication, demonstrated through a history of accepted abstracts, journal publications, and conference publications in multiple different fields
- Contributor to the *MCNP6.2 User's Manual* and a patented MRI reconstruction technique
- Proven ability to work with a diverse research team, demonstrated through collaboration on projects involving medical doctors, imaging technicians, research scientists, and students
- Previously acquired DOE Q-level security clearance, and paperwork submitted June, 2016 for its reinstatement

With a wide range of experiences at Los Alamos National Laboratory, I look forward to continuing my career serving the ISR-1 mission.

Attached to this application, you will find my résumé for your review. I appreciate your consideration and thank you for your time.

Sincerely,

Casey Anderson, M.Sc.