CV for Daniel Schappel

**Desk:**

Bethel Valley campus of Oak Ridge National Laboratory

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**EDUCATION**

**University of Tennessee, Knoxville TN**

PhD in Nuclear Engineering, August 2017

PhD project: Develop 3D TRISO FCM compact fuel performance modeling capability

**University of Florida, Gainesville, FL**

BS in Nuclear Engineering, May 2012

Capstone project: Sodium fast reactor neutronics and shielding using MCNP5/X

**PROFESSIONAL EXPERIENCE**

July2019 – Present

R&D Associate Advanced Fuel Performance for ORNL, Oak Ridge TN

Transformational challenge reactor program

Advanced materials and manufacturing technology program support

Space nuclear propulsion support

Limited amount of LWR modeling for NEAMS

August 2017 – July2019

Post-Doc research associate for University of Tennessee, Knoxville TN

Continued work on modeling efforts

Collaborations with industry partners

Publications list available at https://www.ornl.gov/staff-profile/danny-p-schappel

Dissertation http://trace.tennessee.edu/cgi/viewcontent.cgi?article=5992&context=utk\_graddiss