

# WESLEY RAY DEASON

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<b>Skills &amp; Strengths</b>	<ul style="list-style-type: none"><li>• Balanced experience and knowledge base to provide novel approaches to problems.</li><li>• Excels in a team-oriented environment with leadership and interpersonal communication abilities.</li><li>• Capable in the use of FORTRAN 90, MATLAB, and MCNP5. (Additional computer experience details available upon request.)</li></ul>	
<b>Education</b>	<b>Oregon State University, Corvallis, OR</b> M.S. in Nuclear Engineering GPR: 3.65	<i>June 2013 (expected)</i>
	<b>Texas A&amp;M University, College Station, TX</b> B.S. in Nuclear Engineering Major GPR: 3.66; Cumulative GPR: 3.43	<i>May 2011</i>
<b>Experience</b>	<b>Graduate Research Assistant, Oregon State University, Corvallis, OR</b> <ul style="list-style-type: none"><li>• Researching the utilization of vented fuel systems in gas cooled fast breeder reactors under the advisement of Dr. Andrew C. Klein.</li></ul>	<i>Fall 2011 – Current</i>
	<b>CSNR Summer Fellow, Center for Space Nuclear Research, Idaho Falls, ID</b> <ul style="list-style-type: none"><li>• Conducted a paper design of a 5000 lb<sub>f</sub>/100kWe Bi-modal Nuclear Thermal Rocket for deep space travel.</li><li>• Conducted a paper design of a 20 MWe and 10kWe space nuclear power system to be compatible with nuclear electric propulsion.</li><li>• Explored new designs for space nuclear power systems and system components.</li></ul>	<i>Summer 2011 Summer 2010</i>
	<b>STP Team Intern, Space Engineering Institute, TAMU</b> <ul style="list-style-type: none"><li>• Modeled the thermodynamic evolution of an auxiliary building at the South Texas Project nuclear power plant under HVAC failure.</li><li>• Created a simplified model in MATLAB to validate the more precise CFD model.</li></ul>	<i>Spring 2010</i>
	<b>Student Worker, Mix-Alco Pilot Plant, TAMU</b>	<i>Spring 2008</i>
<b>Activities</b>	<b>Delegate, Washington Nuclear Engineering Student Delegation</b> <ul style="list-style-type: none"><li>• Promote federal funding for nuclear engineering student programs.</li></ul>	<i>Summer 2012</i>
	<b>Student Liaison, ANS Aerospace Nuclear Science and Technology Division</b> <ul style="list-style-type: none"><li>• Provide student perspective and promote student involvement.</li><li>• Publish space-nuclear related blog posts at <a href="http://www.ansnuclearcafe.org">http://www.ansnuclearcafe.org</a>.</li></ul>	<i>Fall 2011 – Current</i>
	<b>Scouting Subcommittee Chair, ANS Student Sections Committee</b> <ul style="list-style-type: none"><li>• Promote BSA and GSUSA based educational programs within all ANS Student Sections.</li></ul>	<i>Fall 2010 – Current</i>
	<b>Director of Scouting Program, American Nuclear Society, TAMU</b> <ul style="list-style-type: none"><li>• Created a curriculum to meet the Nuclear Science Merit Badge requirements.</li><li>• Organized and led four events with approximately sixty attendees each, including field trips to the TAMU Nuclear Science Center (on campus reactor).</li><li>• Made arrangements for a continuing semi-annual occurrence.</li></ul>	<i>Fall 2009 – Spring 2011</i>
<b>Awards</b>	<b>Student Design Competition Winning Team Member, ANS Winter Meeting</b> <b>Mitty C. Plummer '65 Endowed Scholarship, TAMU</b> <b>Commendation for Service, ANS Student Sections Committee</b> <b>George and Mary Lewis Endowed Scholarship, TAMU</b> <b>Eagle Scout Award, Alamo Area Council</b>	<i>Fall 2011 Fall 2010 Spring 2010 Fall 2009 Fall 2006</i>
<b>Publications &amp; References</b>	Available upon request.	