"Early-Career Reflections on College and Engineering"

Speaker: Matthew Denny, Propulsion Engineer, Boeing

Matthew Denny received a Bachelor's degree in Mechanical Engineering (2013) and a Master's degree in Aerospace Systems Engineering at UAH (2015). After graduate school, he worked at Bangham Engineering, Inc. designing test hardware for characterizing explosions from gases. Matthew Denny transitioned to Boeing where he is still working on the NASA Space Launch System (SLS). He writes component specifications and test plans for propulsion and ordnance components, and he works with suppliers who manufacture and test the components.

Matthew will give us his personal insights on his UAH education and the first four years of his professional experiences since graduating from UAH in 2015. Mr. Denny stated, "The education I received at UAH was well-rounded and thorough. In industry, a common phrase is, 'They don't teach you that in school', but I rarely feel that about UAH. My experiences at UAH were often project-oriented and research-oriented, which means that I learned both technical skills and people skills, both analytical skills and thinking-outside-the-box skills, both conceptual design and hands-on manufacturing, and some good, hard lessons such as how to write good test procedures so you don't accidentally compromise your data!"
Propulsion Research Center
Contract Awards or Augmentations Since Oct. 1, 2018

1. CSRA/AMCOM, “Laboratory Studies for Solid Ramjet Fuels,” Principal Investigator: Dr. Robert A. Frederick; students supported: Daniel Jones, GRA; Joseph Agnew, UGRA.
2. Missile Defense Agency, “Game-Changing Kill Vehicle/Interceptor Technology,” Principal Investigator: Dr. Robert Frederick and Dr. Jason Cassibry; students supported: Joseph Buckley, GRA; and Amit Patel: GRA.
3. MTS, “Nuclear Thermal Propulsion (NTP) Support,” Principal Investigator: Dr. Dale Thomas; students supported: Alexander Aueron, GRA; Justin Conner, GRA; Dennis Nikitaev, GRA; and Samantha Rawlins, GRA.
5. NASA/MSFC, “RS-25 Affordability,” Principal Investigator: Dr. Dale Thomas; students supported: Luke Smith, GRA; Adam Bower, GRA; and Christopher White, GRA.
9. U.S. Air Force “UAH Dynamic Testing,” Principal Investigator: Dr. Kavan Hazeli; students supported: Trent Colbert, UGRA; Jacob Fields, UGRA; and Jeremy Floyd.

Upcoming Events

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<td>April 24</td>
<td>3:00 - 4:30 p.m.</td>
<td>Recognition of Graduates</td>
<td>Johnson Research Center</td>
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<td>April 26</td>
<td>11:30 - 1:30 p.m.</td>
<td>Musical Madness at Melvin’s,</td>
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<td>May 2</td>
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<td>UAH Spring Commencements</td>
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