STASHS: Secondary Containment Tray for COTS Fluid Rack, with Shelf & Hazard Sticker Replacements

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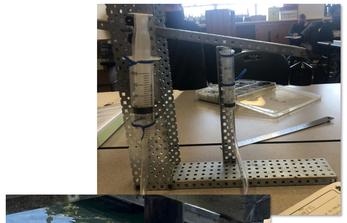
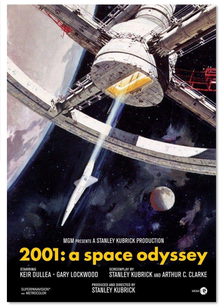
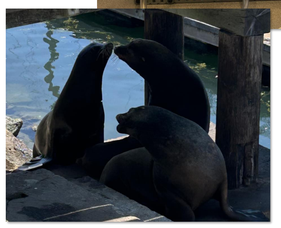
ABOUT ME

- *Major:* Mechanical Engineering, with an emphasis in naval architecture.
- *Career Goals / Interests:* My future career goal is to work for the U.S. Navy, specializing in structural engineering of warfare and submarine (off-land) carriers. My interests are hiking, watching the latest T.V. or films, and spending time with my family/animals!
- I chose to have a fellowship at LLNL to further my understanding of the MECHE field by applying schoolwork to realistic problems, as well as to gain important networking and career advice.

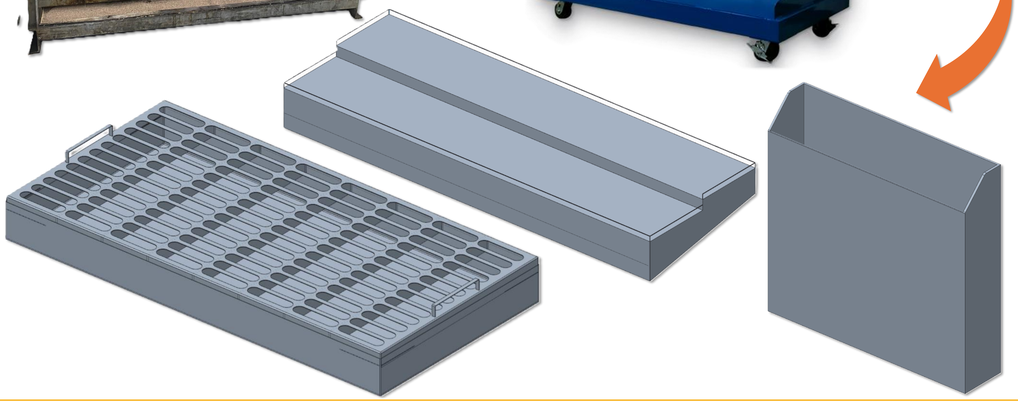






SUMMER RESEARCH

- *Abstract:* Designment of a secondary containment tray for a fluid storage rack, with additional shelf and hazard sticker carriers attachments.
- *Methods:*
  1. Applied research into material testings.
  2. Weight & volume capacity limitations.
  3. Modeled structures in PTC Creo, an analyzed variation in FEA.
- *Results:*



LLF AWARD

- My LLF funds are being used towards my education at LLNL, supporting my collaborative interests, and any housing/food necessities along the way.
- *Impact:* This fellowship has expanded my horizon of what I thought mechanical manufacturing was all about. I have learned many tools, both remotely and physically, in which I have utilized to help my knowledge in applicable technical work.

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