



PROPULSION CENTER

"Keep our relationships more important than tasks or problems (or winning)." We wish all the graduates a successful and enjoyable future.







Spring 2024 PRC Graduate Recognition Program

Shirts/Tumblers/Group Photo/Welcome

Lunch

MASON DIXON

BAKERY - BISTRO

Highlights

Special Recognitions

Recognition of Graduates

Master's Students and Undergraduate Students



AIAA Scitech Meeting







Space Day in Montgomery









AIAA SCITECH

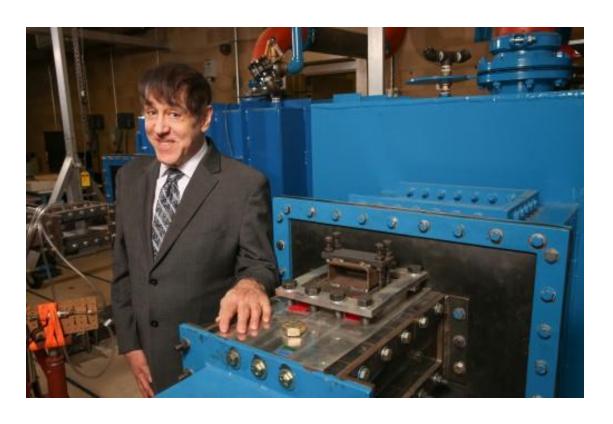








Dr. Phil Ligrani wins 2024, Worthington Medal, for innovations in pumping sciences

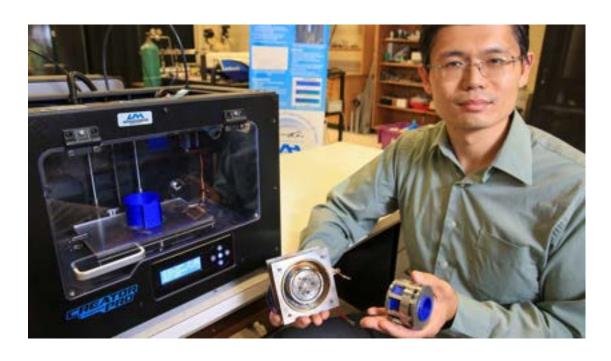


"The award, one of the most prestigious given by ASME, recognizes "innovative and unique pumping concepts and devices with micro-, millimeter- and macroscale flow passage arrangements in consideration of the displacement of fluids subject to diverse physical phenomena."





Dr. Gabe Xu wins \$75K McMahon-Pleiad Prize from the University of Alabama System in recognition of his research contributions



"The award recognizes contributions to teaching, research, or service in alignment with the UA System's mission, values, and core principles."

"The McMahon-Pleiad Prize is awarded annually to a faculty or staff member at one of the UA System's entities: the University of Alabama, the University of Alabama at Birmingham (UAB), UAH, or the UAB Medicine enterprise.





Gabriele Cromartie is promoted to *Program & Proposal Coordinator* at The Propulsion Research Center



Gabriele Cromartie been promoted to Program & Proposal Coordinator for UAH the Propulsion Research Center. As the number of contracts and research activities in our research center has grown, she has continued to grow additional and assume responsibilities vital to its administration and operation.





AIAA presents the Conrad Dannenberg Educator of the Year Award to Dr. Robert Frederick



Janet Reyes, UAH Instructional Designer Tess Olten, UAH Instructional Designer Dr. Frederick, PRC Director/Professor and Dr. Matthew Hitt, SMDC, (UAH BS/MS/PhD) This award is presented recognition of outstanding service to education and promotion of math and science within the community. It is named in recognition of Konrad Dannenberg, Germanа American rocket pioneer who was an avid proponent of education, an active member of the AIAA, and an inspiration to the aerospace community.





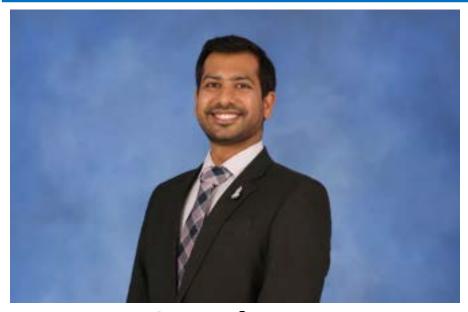
Recognition of Graduates





Doctoral Graduate





Dr. Saroj Kumar Kanpur, India

Dr. Kumar plans to continue working as a Research Engineer for the PRC, supporting NASA's Space Nuclear Propulsion Program.

Committee Chair: Dr. Jason Cassibry Advisor: Dr. Dale Thomas













Chase Herrin

Memphis, TN



Chase is planning to stay in Huntsville and find work after he graduates in August

Advisor: Dr. Philip Ligrani



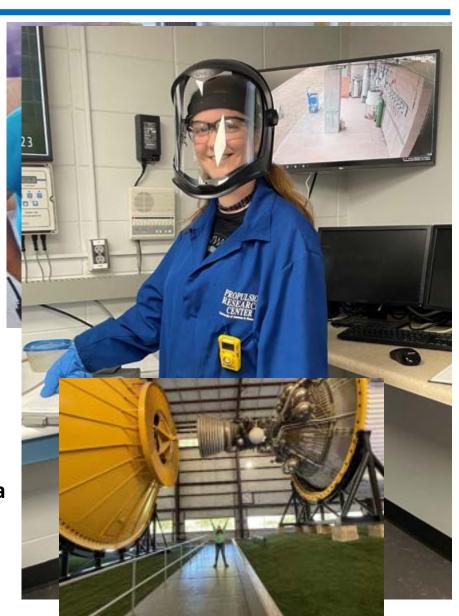




Dian "Ruthie" Hill Semmes, AL

Ruthie plans to continue working as research staff at the PRC for a little longer until another opportunity presents itself for a research engineer in propulsion systems at Cape Canaveral, FL.

Advisor: Dr. Gabe Xu









Lisa Lewis
Cincinnati, OH

Lisa is excited to start working here in Huntsville as a Systems Engineer for Jacobs Space Exploration Group (JSEG) supporting the Space Launch System.

Advisor: Dr. George Nelson







Michael Sorrell Huntsville, AL

Michael started working for Northrop Grumman in Huntsville as an Aeronautical Integration and Test Engineer in January 2024.

Advisor: Dr. Phil Ligrani





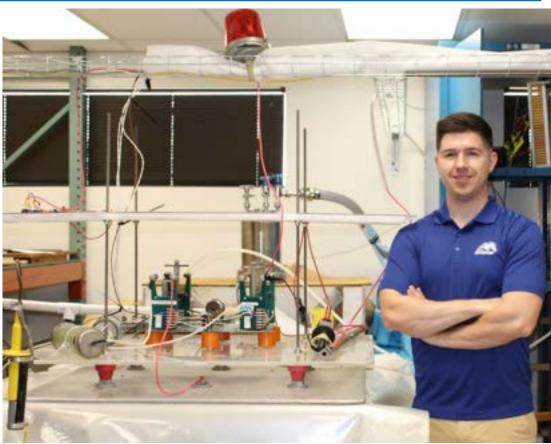






Logan is planning to continue working for Raytheon and possibly pursue a Ph.D.

Advisor: Dr. Jason Cassibry















Cameron Bentley Huntley, IL

Cameron has accepted a full-time Model-Based Systems Engineer position at Summit TRC and will continue his education part-time for an M.S.E. in Industrial and Systems Engineering.

Advisor: Dr. Dale Thomas





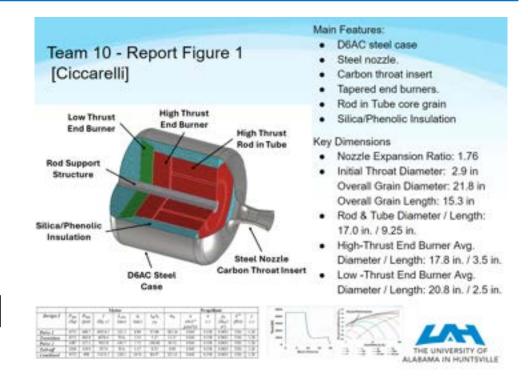




Anthony Michael Ciccarelli Huntsville, AL

Michael Anthony is working for SpaceX in Los Angeles this Summer, and he will return to UAH this Fall to finish his Master's in Aerospace Systems.

Advisor: Dr. Phillip Ligrani









Andy Hoang

Helena, AL

Andy is planning to attend New Mexico State University to get my Master of Science degree in Aerospace Engineering and work on FLEET (Femtosecond Laser Electronic. Excitation Tagging) measurements for different hypersonic flow problems in a Mach 5 shock tunnel facility.

Advisor: Dr. Phillip Ligrani





Sean Hunter

Bachelor of Science degree in Mechanical Engineering

Advisor: Dr. Dale Thomas







Ryan O'Neill Charleston, SC

Ryan plans to develop himself and become the best systems engineer he can be.

Advisor: Dr. Dale Thomas







Cassandra "Cassie" Phoenix Linwood, NC

Cassie is looking for a job using the skills she learned in the PRC.

Advisor: Dr. Gabe Xu







Ian Rowatt

Bakersfield, CA

lan plans to work in aviation coming out of college and use the skills developed researching in my future career.

Advisor: Dr. Dale Thomas









Jared will work at Stellar Exploration, developing chemical propulsion systems for small spacecraft bound for Earth orbit, the Moon, and interplanetary space.

Advisor: Dr. Gabe Xu









Anthony Scheiwe Ooltewah, TN

Anthony has accepted a civil engineering position in Huntsville,
Alabama

Advisor: Gabriele Cromartie



2013 – 2014 Student Launch



SLI Launch Team

Joel Barnes, Max Blackwell, Justin T Bump, Seth L Bunt, David Carlsson, Marcus OCarroll, Anthony Michael Ciccarelli, Allyssa A Gendreau, Autumn M Jenkins, Timothy L Johnson, Sean Joyce, Ian P Kramer, J.T. Matthews, Austin C Morse, Andrew S Nelson, Tyler Orth, Bryce G Redman, Annabelle Roberts-Naul, Jacobie A Robertson, Jared A Sauer Connor M Slade, and Tom Teper





Upcoming Events



- Women in Defense Roaring 20's Spring Soiree Scholarship Awards, Weeden House Museum, Huntsville, Alabama, May 5, 2024
- UAH Commencement, Von Braun Center, May 6, 2024
- Nuclear and Emerging Technologies for Space (NETS 2024), Santa Fe, NM, May 6–10, 2024,
- May 15-16, 2024 Rocket Test Group Meeting at Blue Origin, Huntsville, Alabama, May 6–10, 2024,
- NASA Jamboree Event, Jamboree Event, May 16, 2024
- Annual Lab Inspection, May 21, 2024
- NASA in the Park: Saturday, June 22, from 10 AM to 2 PM.
- Guest Speaker, Dr. Diane Coallard, "Research on Solid Propellants and Energetic Materials, August, 2024.
- Women in Defense National Conference, September 24, 2024



Mentoring Resources



Gluten Free Rocket Science

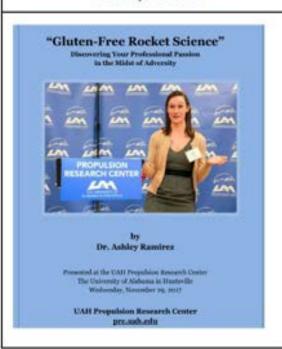
Discovering Your Professional
Passion in the Midst of Adversity
Dr. Ashley Ramirez
Founder, Mason-Dixon
Bakery/Bistro

The Giant Leaps Starts Here

Dr. John Blevins SLS Chief Engineer NASA MSFC

Facing Unexpected Challenges

Ambrosia Patterson
FBI Change and Transition Program
Manager











Thank You!

