



THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

Retirements



Delois Smith, VP for
Diversity and
Multicultural Affairs

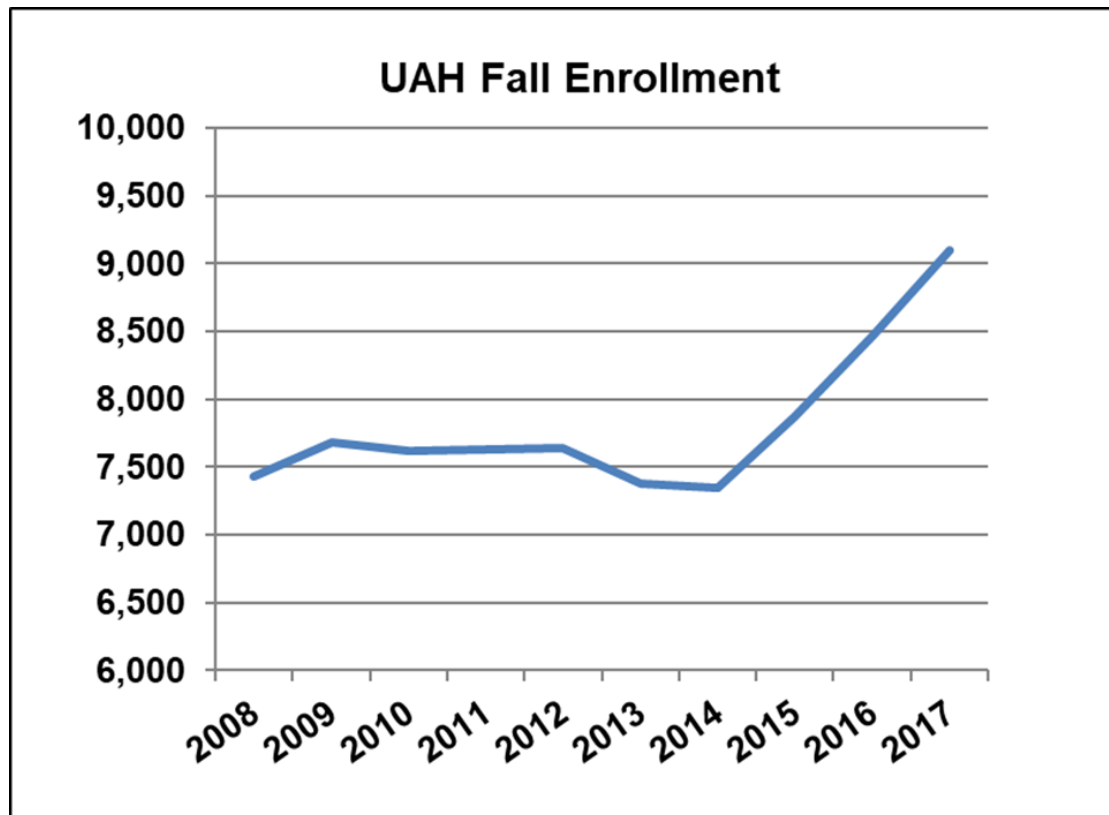


Ray Vaughn, VP for
Research and Economic
Development

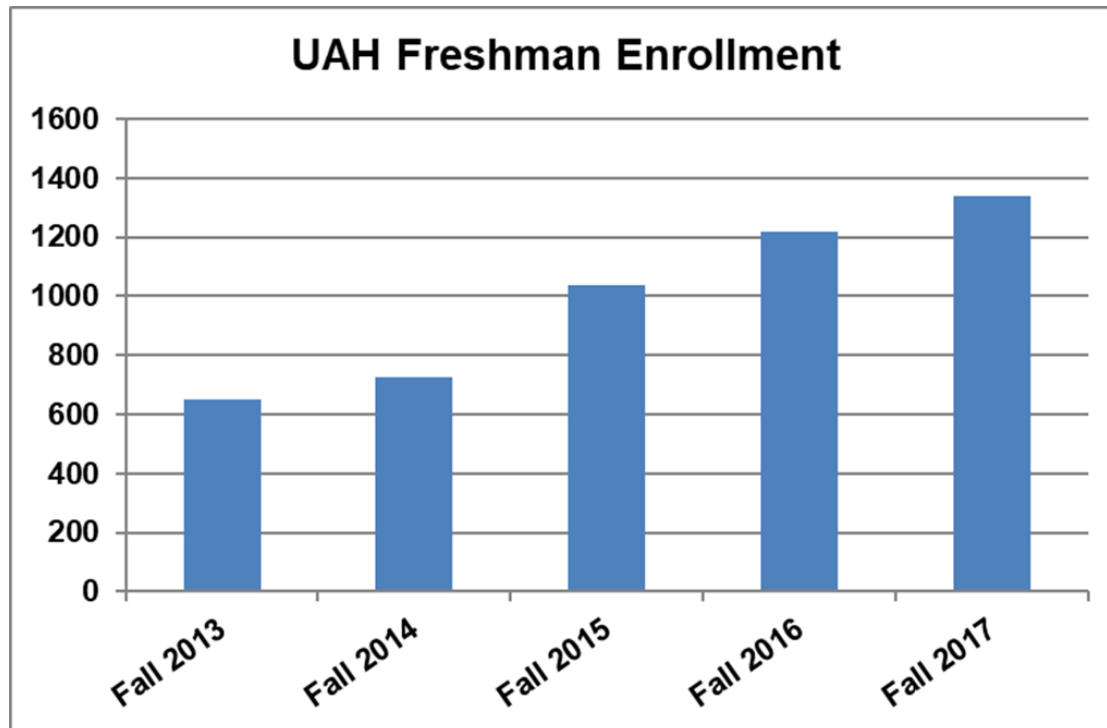


Bob Lyon, VP for
University
Advancement

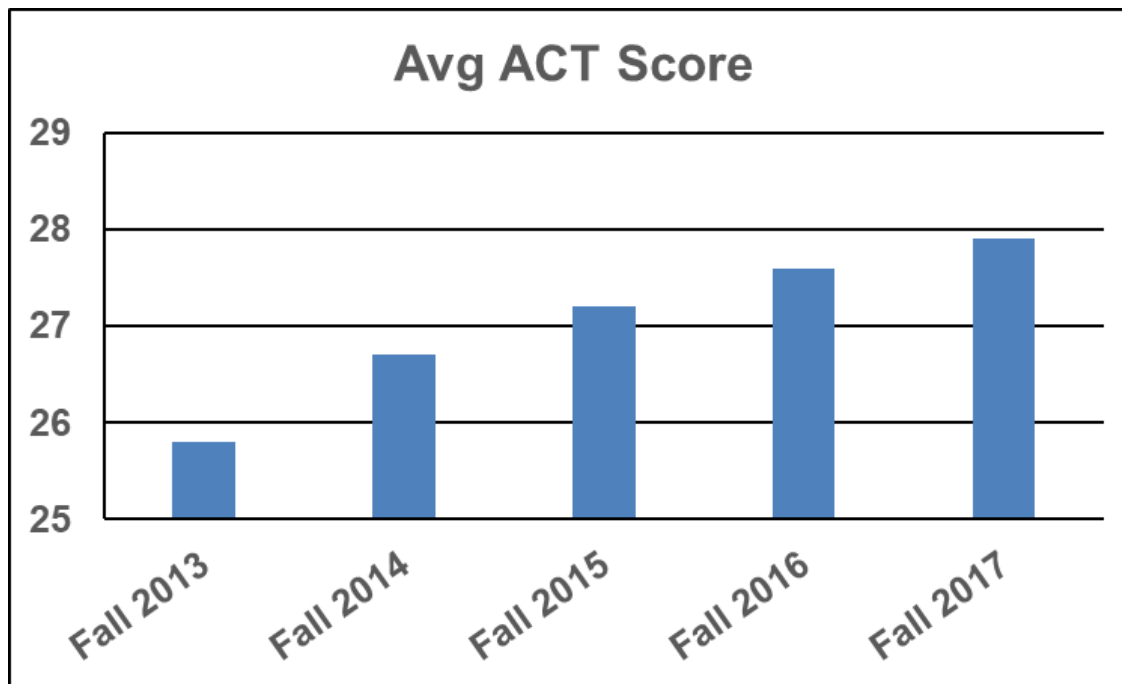
UAH has record enrollment, largest freshman class, and highest ACT test average in history
SEP 08, 2017 | Ray Garner



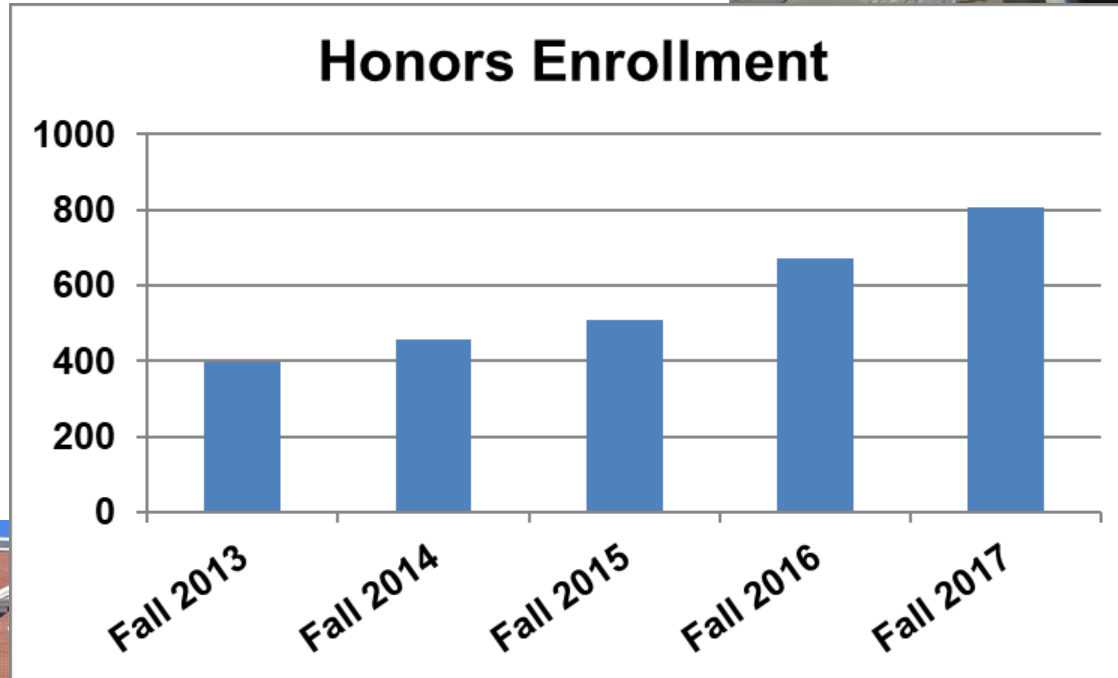
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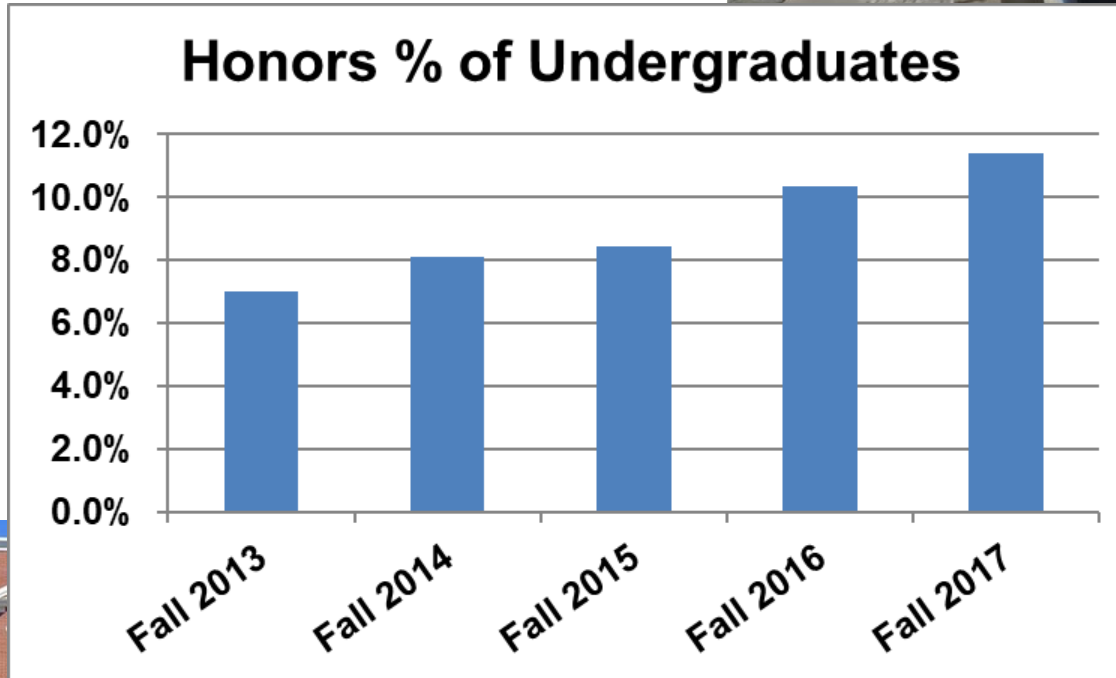


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SEP 08, 2017 | Ray Garner



50% ≥ 4.0 HSGPA; 36% ≥ 30 ACT



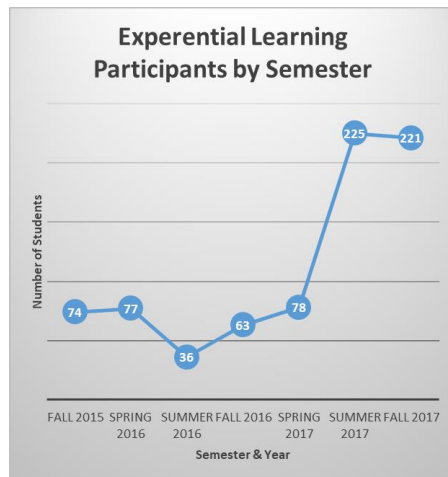


\$54.2K

#1 EARLY CAREER PAY
IN ALABAMA

-PayScale (2017-2018)

Career Services



Aggregate Placement Data					
Graduation Date	Total Grads	Total Successful Contacts	Total Grads "Seeking"	Total Grads Placed	% Placed
December 2016	678	480	9	471	98%
May 2017	782	563	20	543	96%
August 2017	198	121	1	120	99%
Total	1658	1164	30	1134	97%



Nick Peterson will receive the Internship Student Achievement Award at the 2018 conference of the [Cooperative Education & Internship Association](#) (CEIA), to be held April 16-18 in Charleston, S.C.

Campus Enhancements

Morton Hall
Renovation/
Expansion



Charger Village II

Alpha Omicron Pi

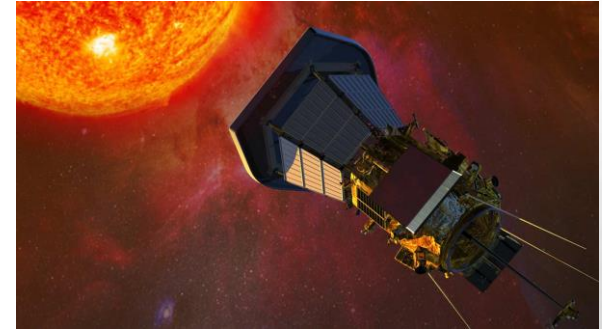


Research

FY16 Federally-Financed Research Expenditure Rankings

DoD

- #22 U. S. Air force Academy
- #23 U. of Illinois, Urbana-Champaign
- #24 Virginia Tech
- #25 UAH**
- #26 U. Pittsburgh
- #27 Woods Hole Oceanographic Inst.
- #28 UCLA



NASA

- #10 Arizona State U.
- #11 Columbia U.
- #12 San Jose State U.
- #13 UAH**
- #14 UCLA
- #15 Baylor C. of Medicine
- #16 U. of Maryland,
Baltimore County

Research

FY16 Federally-Financed Research Expenditure Rankings

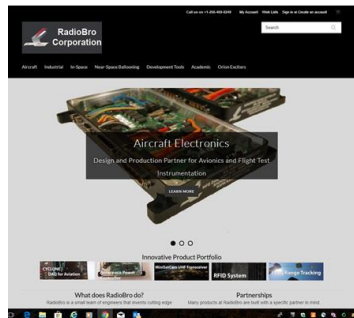
- #5 Aeronautical/Astronautical Engineering
- #10 Computer and Information Sciences
- #11 Atmospheric Sciences
- #18 Business and Management
- #20 Astronomy



Research/Commercialization

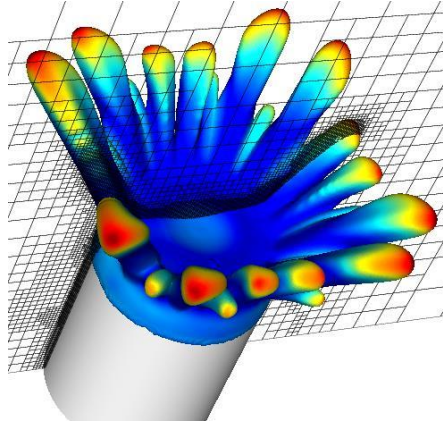


Research/Commercialization





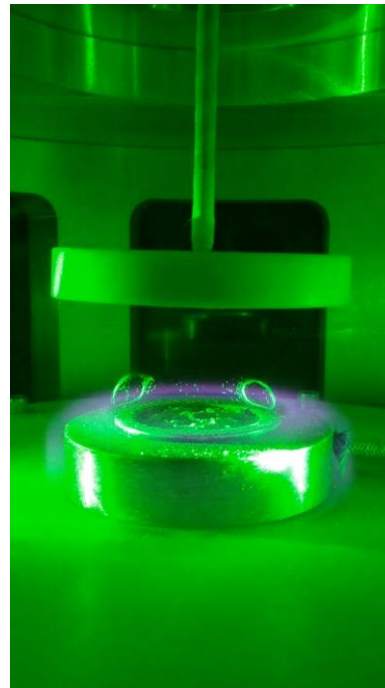
UAH-led Alabama partnership awarded \$20 million research grant (AL.COM, Sep 19, 2017)



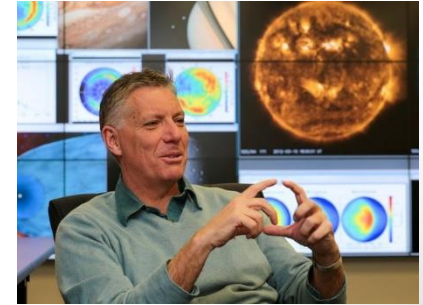
Particle Kinetics



Plasma Interfaces



Electron Interactions with Magnetic Fields



Arts, Humanities, and Social Sciences

Yamaha Artist
Awadagin Pratt;
Masterclass and
Concert Performance;
Yamaha Disklavier
(DCFX) Technology



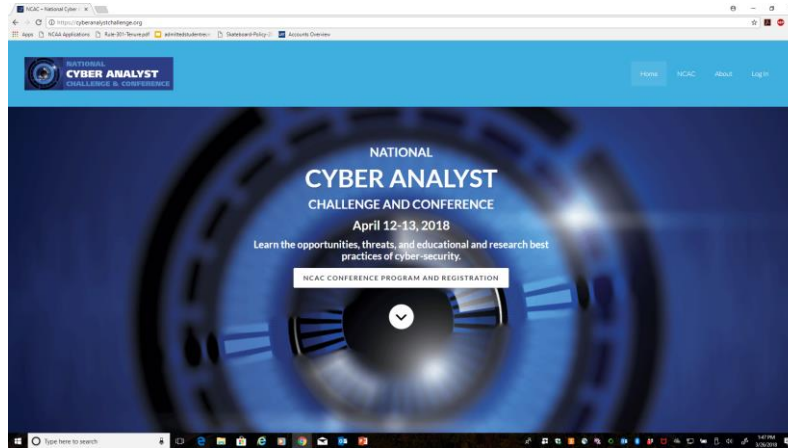
Roberts Recital Hall
April 6 and 7

Business

DoD Information Assurance Scholarship



Jessica Eason-MS
Cybersecurity-Business Track



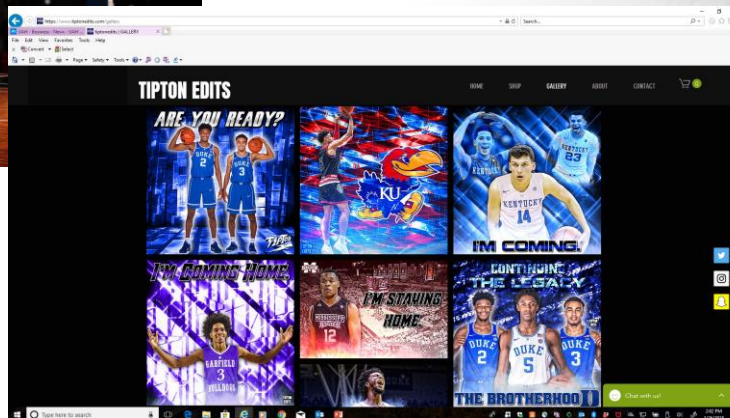
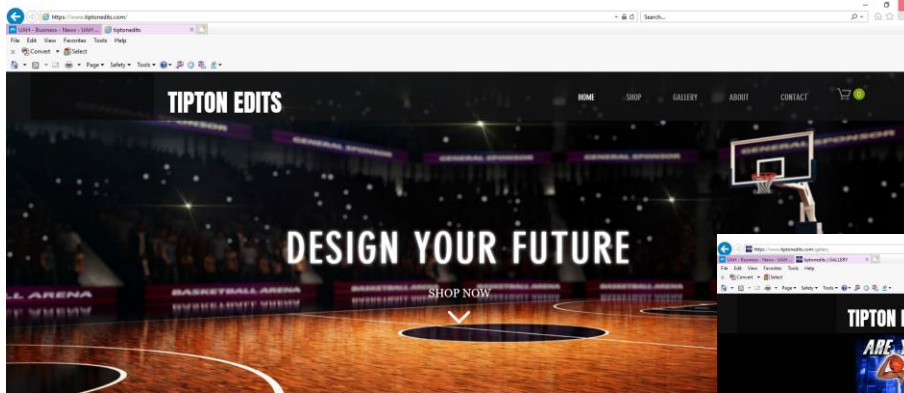
UAH Business Team received
\$10,000 GOLD Award to
participate in the finals of the 2018
National Cyber Analyst Challenge

Business

Meet Tipton Edits: The Creative Director
Behind Social Media's Most Popular
Recruiting Photos



Freshman Joe Tipton (center) with
Shareef O'Neal (left) and Bol Bol



Education

#1 2018 Best Online Colleges for a Master's in Elementary Education (*SR Education Group*)

#17 2018 Most Affordable Online Colleges for a Master's in Elementary Education (*SR Education Group*)



Fall 2017 Pre-School for children with Autism Spectrum Disorder

Engineering



Mechanical and Aerospace Engineering
Engineering Design - Product Realization
Instructor: Christina L. Carmen, Ph.D.
Fall 2016/Spring 2017



RISE Assistance Device

Adam Elmore, Greg Duke, Chris Beckham, Michael Delp,
Doug Hess, Anthony Jones, and Joshua Minott
Mechanical and Aerospace Engineering Department

Overview

- A student design team from the MAE Department has designed and developed a product to assist a four-year-old Rural Infant Stimulation Environment (RISE) School student who possesses a physical disability gain independent mobility.
- The RISE Assistance Device (RAD) has an electric powered differential drive that will be operated via the RISE student's feet.
- The RAD incorporates the RISE student's favored Tumble Form® seat.



CAD Rendering of RAD Design Using Keyshot™ Software

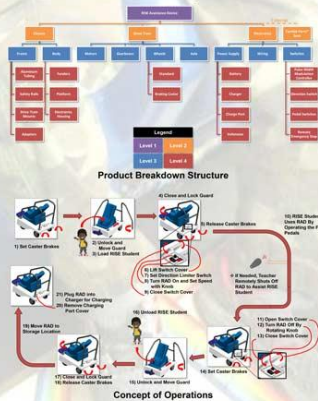


Completed RAD Assembly

Methodology

The student design team utilized the National Aeronautics and Space Administration Systems Engineering Handbook to guide the following processes:

- Product Development Schedule
- Customer Questionnaire
- Market Surveys
- Patent Searches
- Benchmarking
- Product Requirements Document
- Concept of Operations
- Product Breakdown Structure
- Evaluation Matrices
- Technical Analyses
- Risk Assessment with Mitigation
- Manufacturing Process
- Hardware/Software Test Plans
- Cost Analysis
- Verification Testing
- Operations Manual
- Design Reviews



Results

The student design team ensured a methodical approach to the design and development of a quality product by learning to apply important concepts that are practiced in industry.

Acknowledgements

- Deana Aumalis, Director of UAH RISE School, Huntsville, AL
- Christina Carmen, Ph.D., UAH MAE Department, Huntsville, AL
- Farbod Fahmi, Ph.D., UAH MAE Department, Huntsville, AL
- Gerald Lanz, Teledyne Brown Engineering, Huntsville, AL
- Steve Burks and Drew Walburg, The Boeing Company, Huntsville, AL
- Kathleen Jedlovec, Children's Rehabilitation Services, Huntsville, AL
- Wallace State Machine Shop, Hancockville, AL
- Phillip Bryant, Steve Collins, Levi Duke, Jason Eldridge, Stanley Jones, Ricky Lovvorn, Andy McGhee, Tommy Ponder, World Conspiracy



Nursing



UAH, Huntsville Hospital team up for "Jungle Safari" LPH
MAR 05, 2018

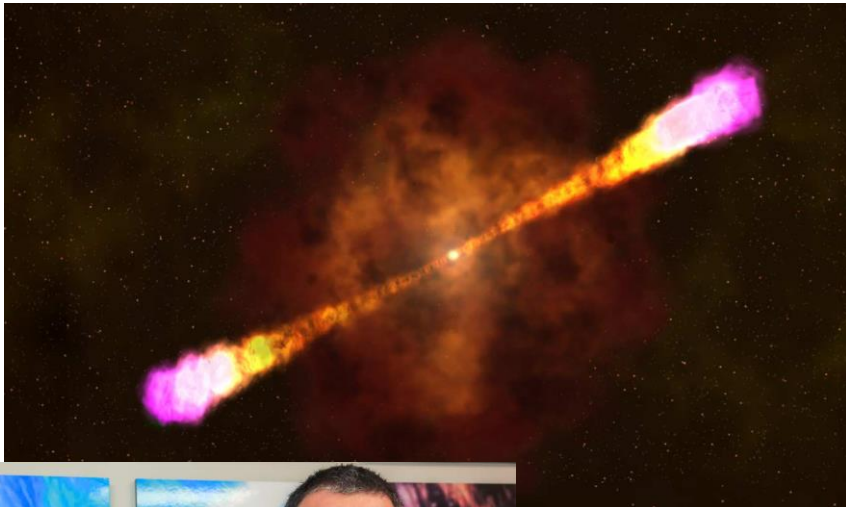
#4 DNP



Science

Alabama scientists win America's top prize in high-energy astronomy

AL.COM Updated Jan 29, 2018; Posted Jan 29, 2018





UAH Again Leads NCAA in Team Scoring Offense

Scoring Offense »

Through games of March 29, 2018

RANK	TEAM	PER GAME
1	Ala.-Huntsville	19.73
2	Adelphi	18.67
3	Fla. Southern	18.64
4	Regis (CO)	18.63
5	Grand Valley St.	18.40
6	Assumption	18.38
7	Indiana (PA)	18.17
8	Millersville	17.75
9	Lindenwood (MO)	17.73
10	Florida Tech	17.70



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