



THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

BUILDING MOMENTUM WITH NEW LEADERSHIP



BUILDING ACADEMIC MOMENTUM



- Enhanced recruiting
- Expanding academic offerings
- Tuition restructuring
 - Incentive to take more courses/credit hours
 - Help to improve retention/graduation rate
- New programs sought by agencies/corporations
 - Help students discover more/better career choices





“Army Materiel Command, UAH team up for logistics certificate program for AMC employees,” al.com, *Jan 08, 2015*

BUSINESS ADMINISTRATION



- MS Supply Chain and Logistics Management
- MS Management Science (Business Analytics)
- MS Management (Human Resource Management)
- UAH-HudsonAlpha entrepreneurship collaboration



EDUCATION

- Department of Curriculum and Instruction
- Department of Kinesiology
- UAH Rise School





UAH Rise School classroom

EDUCATION

- Expanding academic offerings
 - BS in Secondary Education
 - BS in Kinesiology
 - MA in Teaching
 - BS in Early Childhood Education/
Early Childhood Special Education
 - MEd focused on Differentiated Instruction





Demonstrating the long-range potential
of unmanned aerial vehicles

ENGINEERING



- Phil Ligrani, Eminent Scholar in Propulsion
- George Nelson, NSF Faculty Early Career Development Award Lithium-ion Battery Nanomaterials
- #1 NAE video *The Personification of Engineering*, Jacob Bryson
- RSESC on the GA Tech team to work under NASA Ames \$40 million Rotary Wing Technology Development contract





Oct 4 Honors College Launch Dinner at the Davidson Center for Space Exploration

HONORS



- Honors Housing in Frank Franz Hall
- Fall 2015 average ACT=30.4, HSGPA=4.06
- International AIAA Conference: Markus Murdy, Ethan Hopping, and Nathan Stepp
- Nursing student Mary Brenner awarded patent for a device to assist mothers with breast feeding





Creating a music recording studio including
an 8028 Neve sound-mixing console

LIBERAL ARTS



- Partnering with Mark Roberts to premier his new play, *New Country*, on campus for a four-week run in NYC
- Lee Greenwood was special guest at the second annual *Peace on Earth Concert* at the VBC
- *Foodie Radar*, mobile app created by Amanda Blanton, gives real-time info on local mobile food vendors





Learning and Technology Resource Center-
technology and lifelike patient simulators



NURSING

- 2015 study with Center for Aging of Huntsville to reduce risk of falls in the elderly
- Haley Hoy managing a Traineeship Grant from HHS to address growing shortage of primary care providers throughout the US
- Louise O'Keefe received the American Association of Nurse Practitioners' 2014 State Award for Excellence





UAH biotech startup iXpressGenes at HudsonAlpha founded by Joe Ng

SCIENCE

- Which “pop up” storm clouds are likely to produce lightning and for how long?
- John Gregory received the NASA Distinguished Public Service Award
- In partnership with HudsonAlpha the Department of Biological Sciences received a five-year NSF grant to improve retention and graduation of STEM students





Personal Data

Name

Home Address

Business Address

Identity Card No

Passport No

Driving License

Income Tax No

Car Registration

[Identify Person]

Other

Cybersecurity & Big Data– Business, Engineering, Liberal Arts, Science



INTERDISCIPLINARY PROGRAMS



- \$4.2 million NSF CyberCorps Scholarships for Service
- National Center of Academic Excellence in Information Assurance Education
- National Center of Academic Excellence in Cyber Defense/Cyber Defense Research
- Amanda Black Clark awarded a \$400K grant from DoD High Energy Laser Joint Technology Office to develop and test a diode-pumped xenon laser technology for the US military



BUILDING MOMENTUM IN RESEARCH



- Cross-college faculty research program
 - 21 teams funded resulting in proposals submitted totaling \$3.7 million
- UA System Collaborative Research Program
 - PI's from all three campuses participated
- OVPRED Investing over \$1 million annually
- From FY12 to FY13 jumped 35 spots in NSF-supported expenditures



BUILDING MOMENTUM IN RESEARCH



- Some FY13 Federally-financed expenditure rankings
 - Aeronautical & Astronautical Engineering
 - #1 Johns Hopkins
 - #2 Utah State
 - #3 Georgia Tech
 - #4 UAH
 - #5 University of Colorado-Boulder
 - #6 MIT



BUILDING MOMENTUM IN RESEARCH



- Some FY13 Federally-financed expenditure rankings
 - Atmospheric Science
 - #14 MIT
 - #15 UAH
 - #16 NC State



BUILDING MOMENTUM IN RESEARCH



- Some FY13 Federally-financed expenditure rankings
 - DoD
 - #15 University of Dayton
 - #16 UAH
 - #17 University of Hawaii
 - #18 Harvard



BUILDING MOMENTUM IN RESEARCH



- Some FY13 Federally-financed expenditure rankings
 - NASA
 - #14 Columbia
 - #15 UAH
 - #16 UCLA





45 student-athletes earned a perfect 4.0 during 2014, led by Volleyball with 7

ATHLETICS



- 118 student –athletes named to conference or national all-academic teams or honor roll mention for 2014
- Four conference championships in 2014: Baseball, Cross Country (M/W), Track & Field (W)
- Second (M/W) All-Sports Trophy Competition in the GSC
- And.....





Coming spring 2016



Megan Harmon – 2014 Paralympic Winter Games, Sochi Russia

BUILDING MOMENTUM IN INFRASTRUCTURE

- Roberts Recital Hall renovation
- Nursing Building expansion
- Severe Weather Institute and Radar and Lightning Laboratories (SWIRLL)





Coming Spring 2016 — Student Services Building





A diploma with value





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