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
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
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
• 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
• 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
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……..
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
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE