



THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

UAH External Presidential Advisory
Committee

UAH Committee of The Board of
Trustees of The University of Alabama
April 5, 2018

Retirements



Delois Smith, VP for
Diversity and
Multicultural Affairs



Ray Vaughn, VP for
Research and Economic
Development

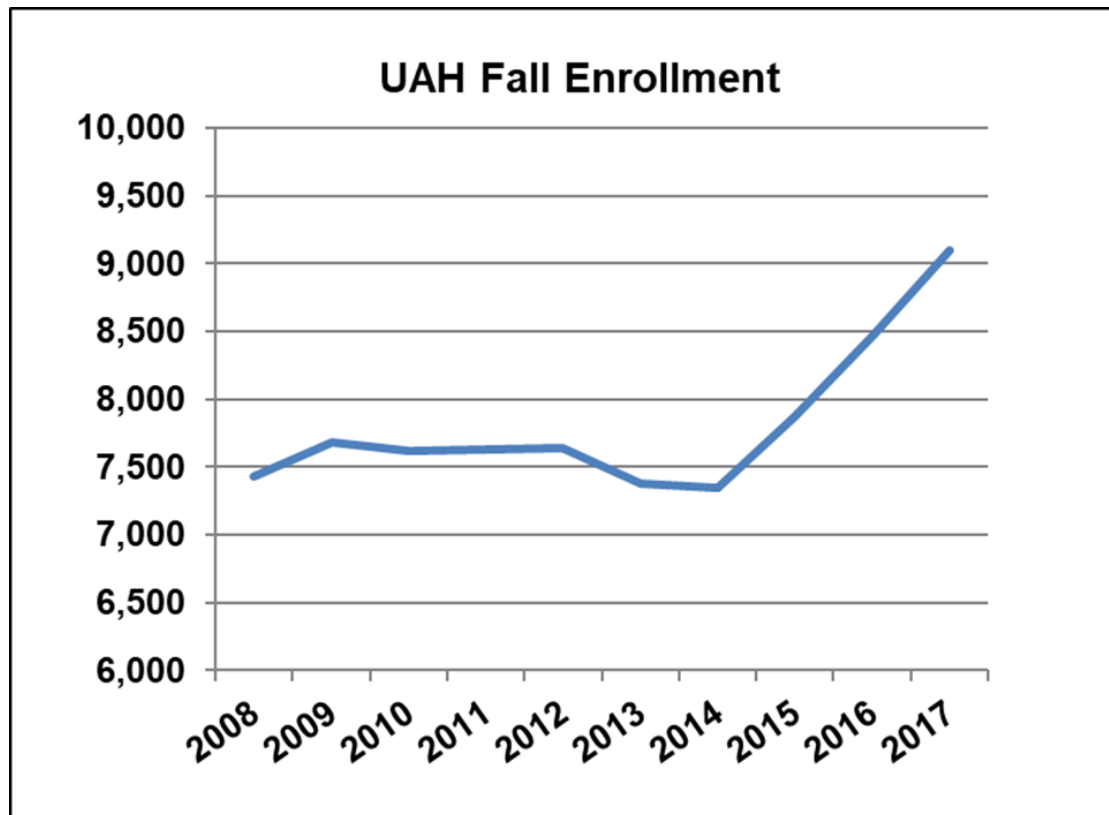


Bob Lyon, VP for
University
Advancement

Agenda

- Enrollment
- Research Highlights
- Economic Development “Centers”
- D.S. Davidson Invention to Innovation Center
- Executive Plaza
- Alabama School of Cyber Technology and Engineering (ASCE)
- Community Collaborations
- Board Agenda Items

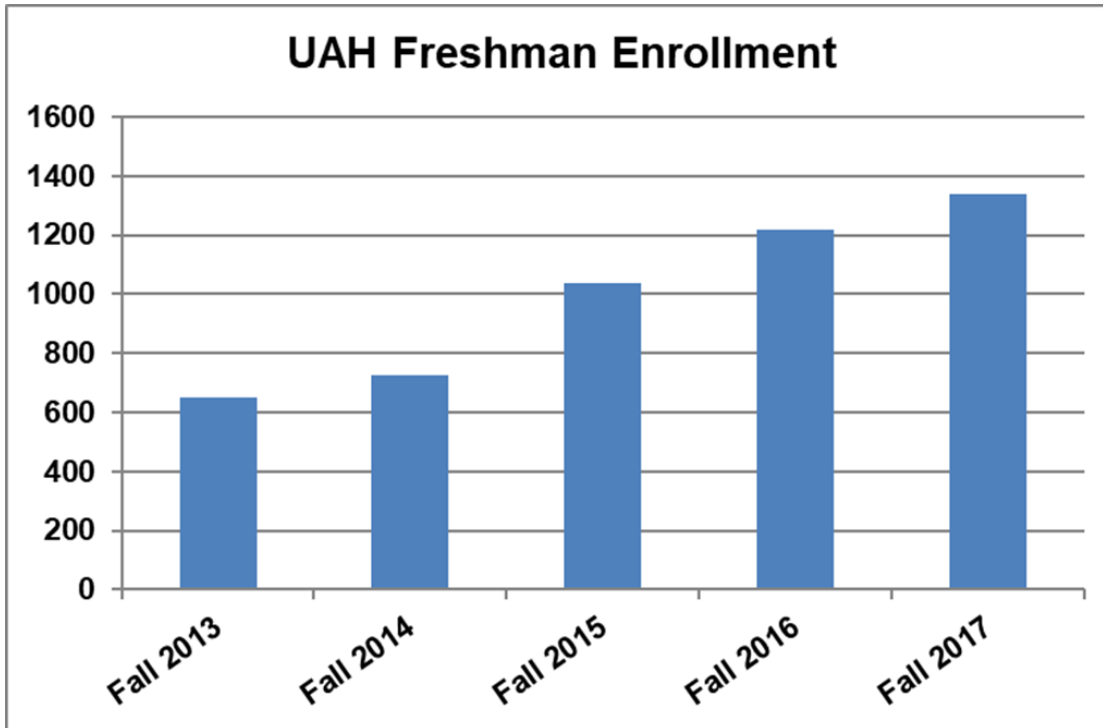
UAH has record enrollment, largest freshman class, and highest ACT test average in history
SEP 08, 2017 | Ray Garner



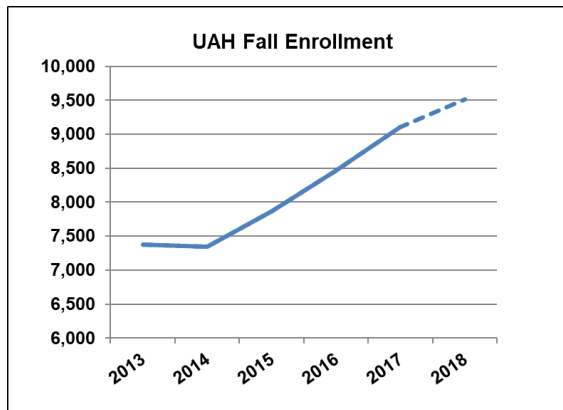
UAH has record enrollment, largest freshman class, and highest ACT test average in history
SEP 08, 2017 | Ray Garner



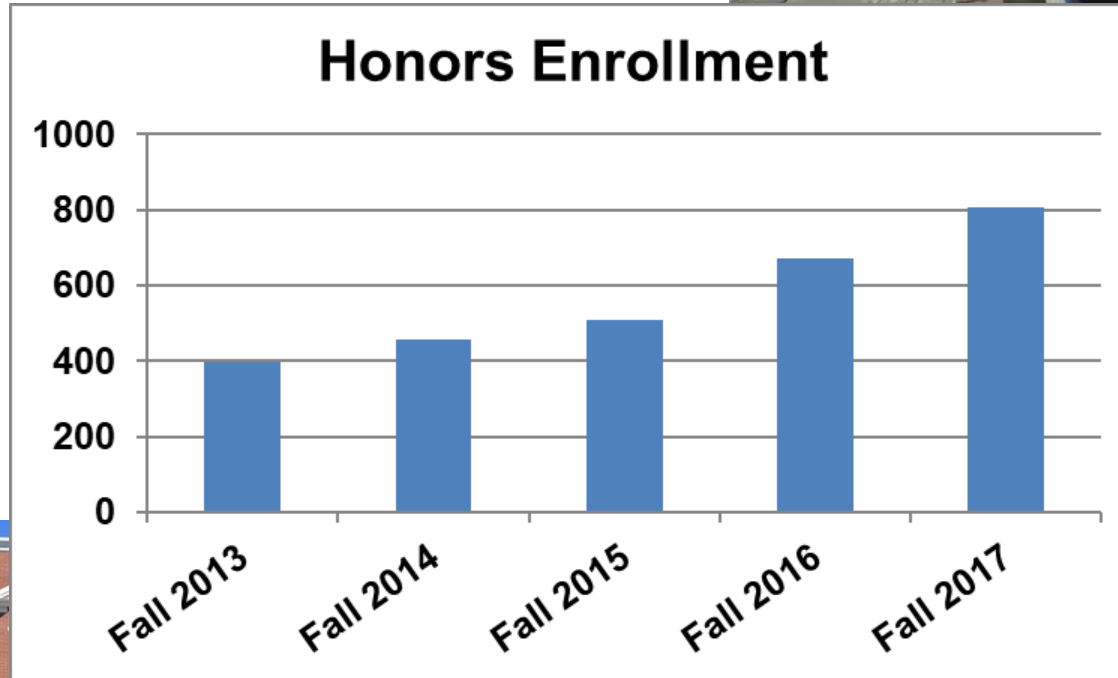
UAH Freshman Enrollment

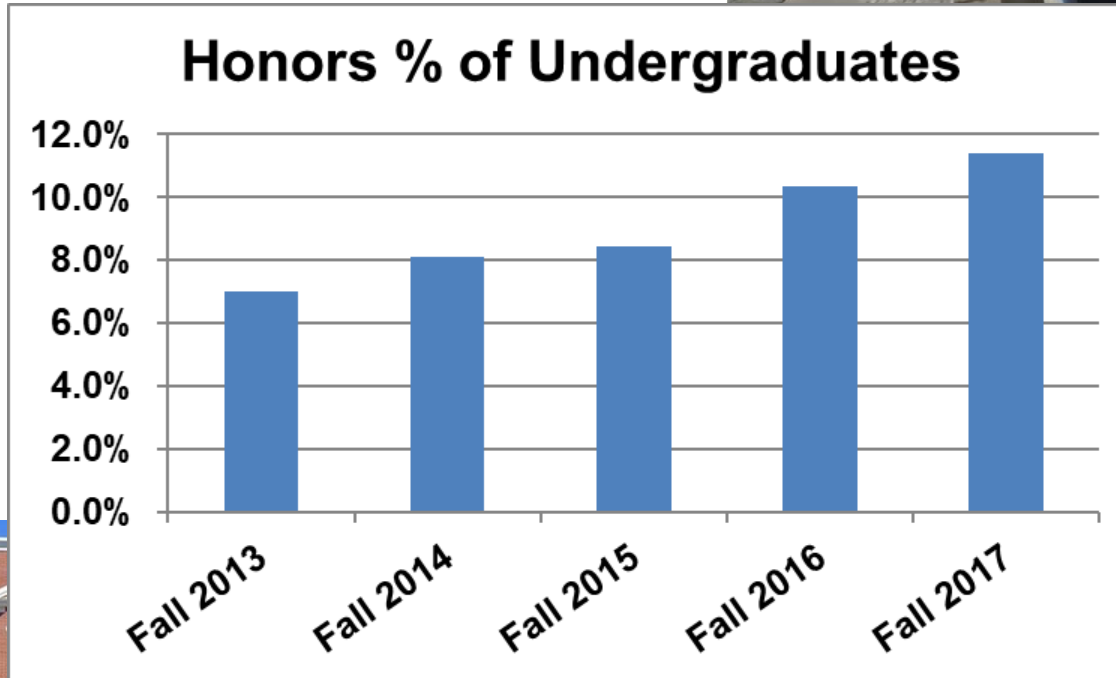


Students/Programs



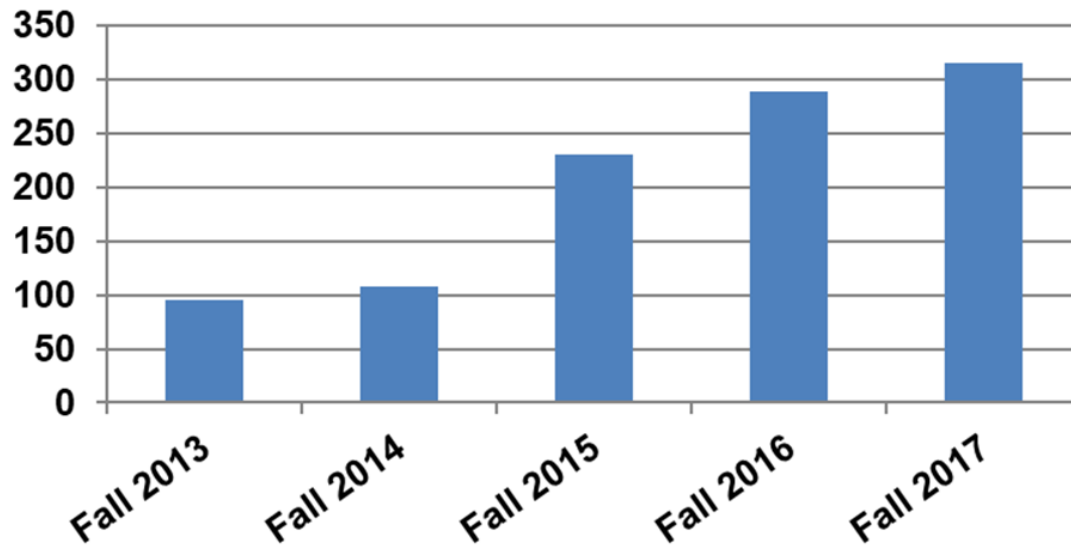
- 2017 entering freshman class: ACT=27.9; 50% had ≥ 4.0 HSGPA; 36% ≥ 30 ACT
- About half of the graduates earn engineering or science degrees
- Over time the curriculum has broadened to include the arts, humanities, social sciences, business, education, and nursing
- 85 degree programs: 41 bachelor's, 29 master's, 15 doctoral





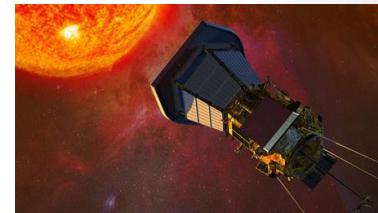


Honors Freshman Enrollment



FY16 (FY15) Federally financed expenditure rankings:

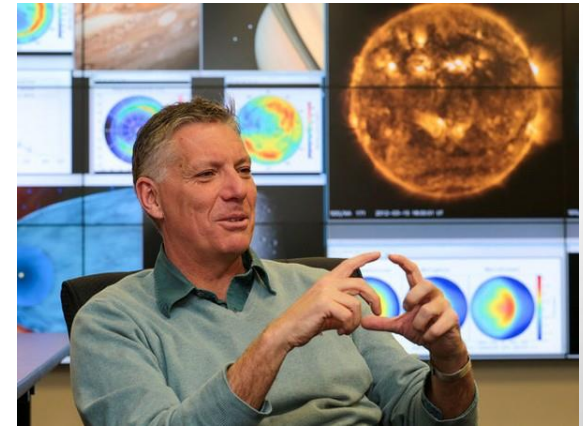
- #5 (#6) Aeronautical/Astronautical Engineering
- #10 (#11) Computer and Information Sciences
- #11 (#11) Atmospheric Sciences
- #13 (#14) NASA
- #18 (#18) Business and Management
- #20 (#17) Astronomy
- #25 (#25) DoD



<http://www.al.com/>

UAH-led Alabama partnership awarded \$20 million research grant

Updated Sep 19, 2017; Posted Sep 19, 2017



"Connecting the Plasma Universe to Plasma Technology in Alabama: The Science and Technology of Low-Temperature Plasma" ([CPU2AL](#)), the project seeks to understand, predict, and control the transfer of power from electromagnetic fields to electrons, ions, atoms, molecules and surfaces, and chemical reactions in plasma.

Economic Development “Centers”

- Vice President for Research and Economic Development
- Assistant to the President for Government Relations and Economic Development
- Office of Technology Commercialization

Activity	FY13	FY14	FY15	FY16	FY17	Total	Total/Yr
Disclosures	25	24	23	32	42	146	29
Patents Filed	11	17	17	29	28	102	20
Patents Issued	2	5	7	4	6	24	5
Licenses	2	1	4	2	3	12	2
Startups	0	5	2	0	2	9	2

- CMER Impacts Reported by CMER NIST-MEP Clients

	Sales (New and Retained)	Jobs (Created and Retained)	Savings (and Cost avoidance)	Investments (Capital, IT, Workforce, R&D)
2013	\$ 10,595,500	67	\$ 2,597,000	\$ 1,512,250
2014	\$ 770,000	10	\$ 605,000	\$ 165,000
2015	\$ 40,400,000	387	\$ 800,000	\$ 272,000
2016	\$ 642,600	31	\$ 721,500	\$ 1,515,000
2017	\$ 7,800,000	79	\$ 3,604,381	\$ 1,684,500
TOTAL	\$ 60,208,100	574	\$ 8,327,881	\$ 5,148,750

Economic Development “Centers”

- SBDC

	FY13	FY14	FY15	FY16	FY17	5 yr totals
Capital Infusion	545,000	4,512,000	109,000	3,587,000	13,400,000	\$22,153,000
New Business Startups	19	21	25	45	53	163
Long Term Clients	67	70	64	139	136	476
# Training Events	29	24	27	15	21	116
# Training Participants	569	365	534	401	488	2,357
# of Companies Served	396	307	402	520	479	2,104
Total Hours Counseled	1286	1,343	1272	2201	1902	8,004
# Training Participants	569	365	534	401	488	2,357
Impact on Companies						
Jobs Created	38	36	93	343	200	710
Jobs Retained	23	24	47	121	82	297

- PTAC

	FY13	FY14	FY15	FY16	FY17 **	5 yr totals	Annual Average
New Clients	224	211	216	197	120	968	194
Active Clients	305	292	325	298	292	1,512	302
Counseling Hours	927	758	821	769	477	3,752	750
Training Events	10	10	10	10	10	50	10
Client Contract Awards	\$22,166,028	\$21,404,135	\$86,371,104	\$112,625,718	\$199,938,000	\$442,504,985	88,500,997
# of PTAC Advisors	1	1.1	1.1	1.1	1.1	5	1
** 7.5 months of Fiscal Year							

Economic Development “Centers”

- Career Services



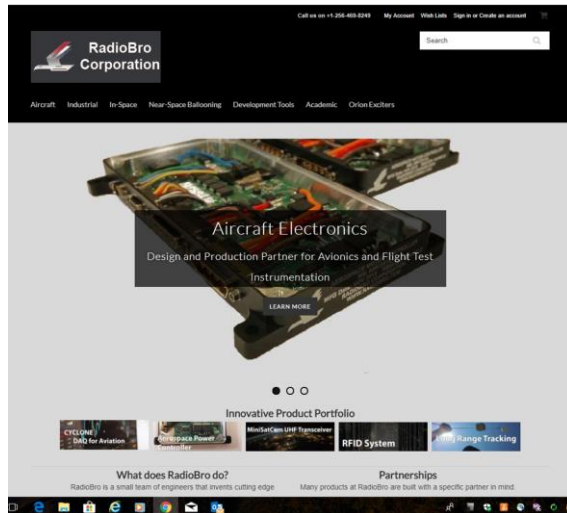
Aggregate Placement Data					
Graduation Date	Total Grads	Total Successful Contacts	Total Grads "Seeking"	Total Grads Placed	% Placed
December 2016	678	480	9	471	98%
May 2017	782	563	20	543	96%
August 2017	198	121	1	120	99%
Total	1658	1164	30	1134	97%



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.

Economic Development “Centers”

- D.S. Davidson Invention to Innovation Center (I²C)



Executive Plaza

EXECUTIVE PLAZA



Campus Master Plan

- Pursue strategic land acquisitions
- Explore collaborative development efforts
 - Holmes to the east
 - Research and commercial areas to the west

Exec Plaza Acquisition

- Future campus expansion
- Development of a "college town neighborhood," a walkable space of mixed use residential and retail amenities

Alabama School of Cyber Technology and Engineering (ASCE)

- Governor Kay Ivey called for establishment of ASCE in January 9, 2018 State of the State Address
- SB212, Sen. Arthur Orr
- Grades 7-12, Residential, Fall 2020
- Initiative of CyberHuntsville and Huntsville/Madison County Chamber of Commerce
- UAH involvement:
 - Assistance in curriculum development
 - Professional development for teachers
 - Site selection process

Community Collaborations

- Jemison College Academy in 2nd year
- Early Learning Center

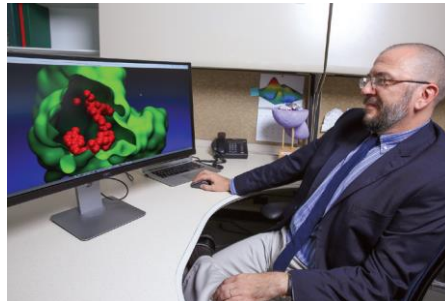
UAH Rise School

Office of School Readiness 4-yr-old Grant Classrooms

Early Head Start and Head Start Classrooms

PALS Program — Preschool Autism Language and
Social Skills Classroom

- Ability Sport Network (middle and high school students)
- CRP/Redstone
- HudsonAlpha



Board Agenda Items

- Morton Hall Renovation and Addition (Stage III)



Board Agenda Items

- Establishment of the UAH Research and Technology Corporation (RTC)
- MAT in Elementary Education (Final Approval)
- BS in Sports and Fitness Management (Final Approval)
- MS in Applied Behavior Analysis (Final Approval)
- Establishment of a Regional Traffic Management Center (RTMC)
- PhD in Nursing Science joint with UA (Submission to ACHE)
 - Task Force created two years ago
 - Program fills need for more researchers/faculty
 - Equal split of teaching
 - Dual enrollment; both seals on the diploma
 - 32 PhD faculty (12 UAH, 20 UA)



THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE