

Dr. James P. Lentini

2015 State of Academic Affairs Address

March 3, 2015

Meadow Brook Theater

New Faculty 2014-15





New Homes





 Computer Science Engineering Center Honors College in Oak View Hall





- Oakland University William Beaumont School of Medicine has received full accreditation from the LCME. It graduates its first class on May 15.
- The School of Engineering and Computer Science ranks 11th in the country for percentage of women faculty in engineering.
- The Robotics team finished first overall in the 2014 Intelligent Ground
 Vehicle Competition amongst approximately 50 international competitors.



• The **School of Business Administration** is dually accredited by AACSB for both its business and accounting programs. Of the 716 AACSB accredited schools of business, only 181 schools hold this distinction.







- The School of Health Sciences will graduate its first class in the Master of Public Health program this spring.
- Faculty member Jennifer Lucarelli is the
 P.I. on a \$1.95 million grant from the
 Centers for Disease Control and
 Prevention's National Center for Chronic
 Disease Prevention and Health Promotion.



• SON: The Oakland University-Beaumont Graduate Program of Nurse Anesthesia is currently ranked 17th in the nation by US News and World Report's America's Best Graduate Schools.





- The School of Education and Human Services continues to develop the Center for Autism including a research, outreach and teaching component.
- SEHS partnerships with Avondale, Pontiac, West Bloomfield, and Utica include the redesign of teacher education to a more clinical model that has been recognized as novel and outstanding by the state superintendent, Mike Flanagan.



- In the **College of Arts and Sciences**, the OU Brass Band took second prize in an international competition in England, The Ethics Bowl Team advanced to compete in the national finals, and the Model UN team won awards at the North American Model United Nations Conference.
- The **Eye Research Institute** received a \$3.7 million gift from the estate of Dr. V. Everett Kinsey for the establishment of two endowed professorships.



- **University Libraries** continues 24-hour service and has seen a steady increase in building use. They have added a free copy service for faculty, and a study room reservation system for students.
- Record enrollment in the **Honors College** now at over 5% of undergraduate population at OU. Total numbers now at 844.





A New Landscape in Higher Ed

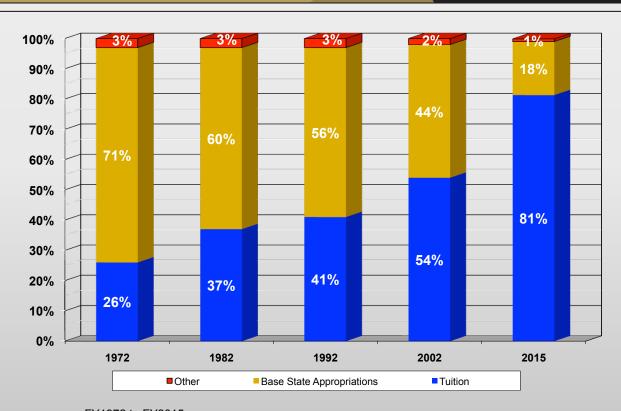




- Declining State Support
- Rising Student Debt
- Shifting Demographics
- New Modes of Instruction and Delivery
- Focus on STEM Education and Programs

OU's Funding Model





Comparison of general fund revenue sources FY1972 to FY2015





Comparing Oakland University to other Michigan Publics

- Research and development expenditures
- Critical skills undergraduate degrees awarded



Comparing Oakland to other Carnegie doctoral/research universities



- Institutional support percentage of core expenditures
- 6-year graduation rate
- Total degrees awarded
- Number of students receiving Pell grant

What are critical skills degrees?



Oakland awarded 1,140 critical skills degrees in AY2014

Critical skills area:

- Accounting
- Biology
- Computer science
- Engineering

- Health professions (health sciences and nursing)
- Mathematics
- Physical science (chemistry & physics)



- OU's Carnegie Peer score increased from 4 in 2014 to 8 in 2015.
- Proposed increase in funding is
 3.4%, one of the highest increases.
- Oakland share of performance funding is 6.2%.
- Tuition would be capped at 2.8%.

	Car	negie Pe	er Score	s	% change	% of total
		2016	2015	Change in score	proposed funding	perf funding
R	MSU	9	10	-1	1.9%	19.2%
٧	UM-AA	10	10	0	1.9%	21.3%
Н	WSU	8	8	0	1.8%	4.1%
R	MTU	9	7	2	2.1%	3.6%
Н	WMU	3	3	0	0.6%	7.0%
D R	CMU	11	12	-1	3.0%	8.7%
U	Oakland	8	4	4	3.4%	6.2%
	EMU	7	10	-3	2.0%	5.3%
	FSSU	9	10	-1	3.0%	5.6%
M -	GVSU	10	11	-1	4.0%	9.4%
G	SVSU	4	6	-2	1.8%	1.9%
	UM-D	4	4	0	1.7%	1.5%
	UM-F	6	8	-2	2.5%	2.0%
М	NMU	9	10	-1	2.1%	3.4%
В	LSSU	8	4	4	2.0%	0.9%



- Oakland remains at the near bottom of per FYES funding.
- Overall funding increase one of highest (3.4%), *but...*
- Increase per FYES one of the lowest.

	2015 funding /2013 FYES	2016 funding /2014 FYES	Change funding /FYES
WSU	\$8,176	\$8,462	3.5%
MTU	\$7,477	\$7,222	-3.4%
UM-AA	\$6,637	\$6,864	3.4%
LSSU	\$5,646	\$6,320	11.9%
MSU	\$5,736	\$5,774	0.7%
NMU	\$5,362	\$5,626	4.9%
WMU	\$4,875	\$5,055	3.7%
FSSU	\$4,022	\$4,165	3.6%
EMU	\$3,865	\$3,985	3.1%
UM-D	\$3,516	\$3,597	2.3%
CMU	\$3,378	\$3,591	6.3%
SVSU	\$3,059	\$3,186	4.1%
UM-F	\$3,115	\$3,126	0.3%
GVSU	\$2,835	\$2,958	4.4%
Oakland	\$2,896	\$2,927	1.0%
Average	\$4,706	\$4,857	3.2%



	Business Lea	ders of Michigan			
	Perform Oakland U	nance Tracker Iniversity	U.S. Public Peers		
	2012 Level* Annual Growth Rate**		Average or Median	Top 20%	
Critical Skills Degrees & Certificates			ū	·	
Awarded	1,229	6.5%	631	917	
Total Research Expenditures	\$11,618,995	4.3%	\$9,723,112	\$20,508,225	
Graduation Rate	43%	-1.1%	42%	50%	
Retention Rate	73%	0.2%	71%	78%	
Total Degrees Awarded	3,598	3.1%	2,544	3,705	
Administrative Spending per FTE Student	\$1,497	-2.7%	\$1,888	\$1,344	
% Undergraduate Students with Pell Grants	32%	4.7%	46%	60%	

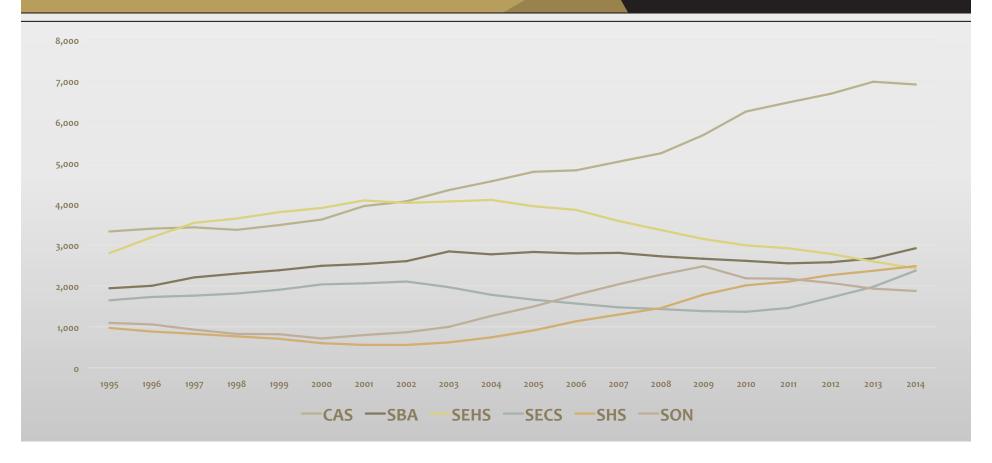
State of Academic Affairs





20 Years of Enrollment by School and College





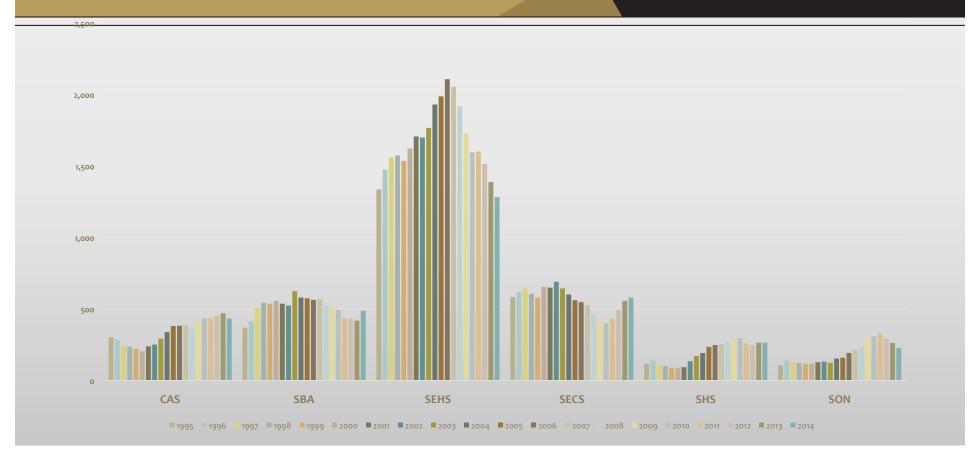
Credits (SCH) by School and College





Graduate enrollment



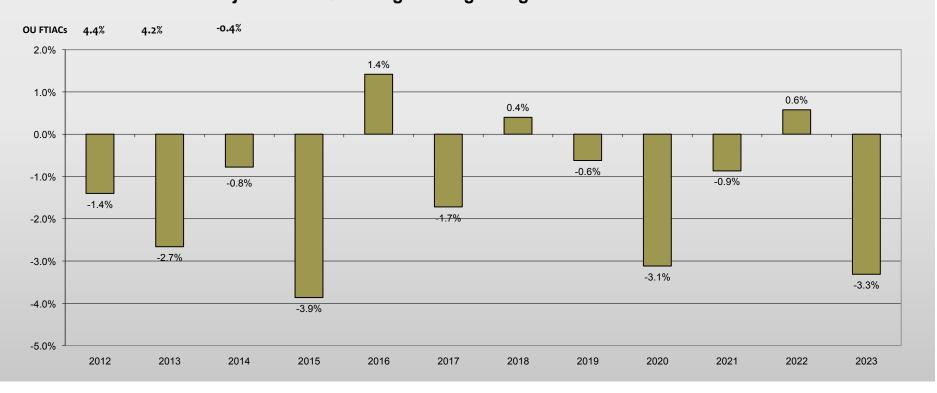


Changing Demographics

Fewer High School Graduates



NCES Projections of % Change Michigan High School Graduates to 2023



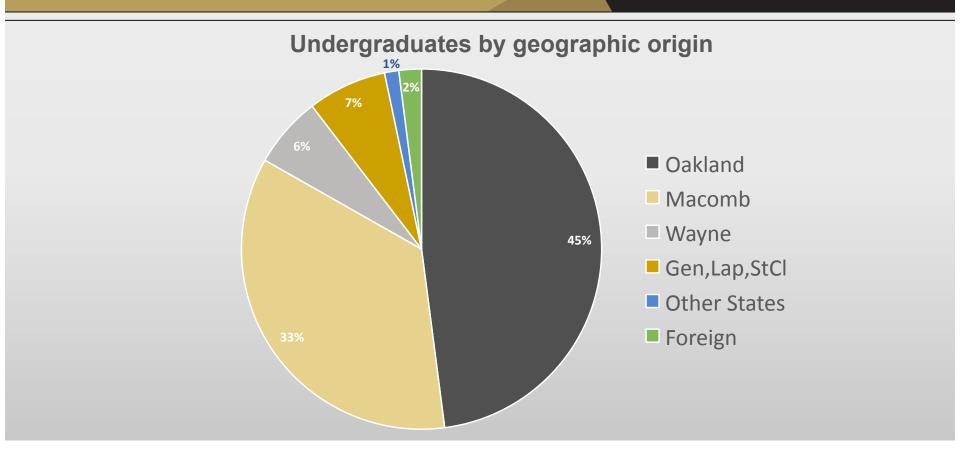
2013 Enrollment in Michigan Public Universities





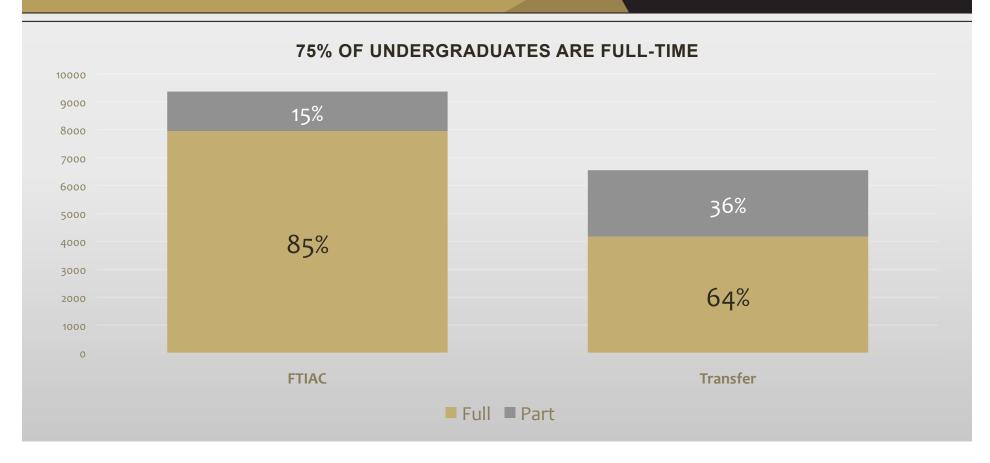
Enrollment Demographics





59 Percent of Undergraduates Entered as FTIACs





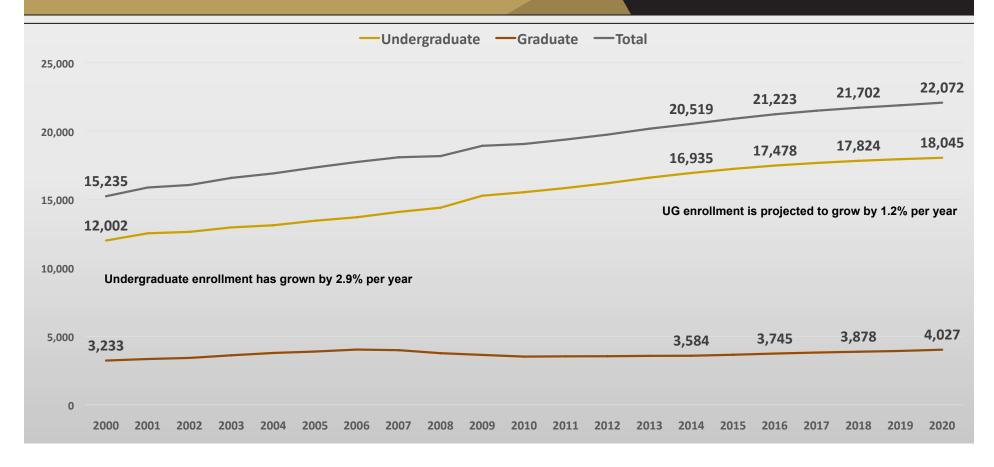
Increasingly Intense Competition



- OU currently has 7% of state public FTIAC market (up from 4.5% in 1993)
- Other 4-year schools are recruiting heavily in Oakland's 'backyard' (especially Oakland, Macomb & Wayne counties)
- There is an increasing state and national focus on value of 2-year career-track programs as an alternative to 4-year degrees for some students

Enrollment History and Projections 2000-2020





Enrollment/Revenue Snapshot



- 80% of our budget is tuition driven
- 18% of our budget is received from the state
- Tuition increases are being capped in Michigan
- Enrollment is slowing to ca. 1.2% per year
- Enrollment is heavily populated by Macomb/ Oakland County students
- Competition for students in Macomb/Oakland is growing



Enrollment & Academics



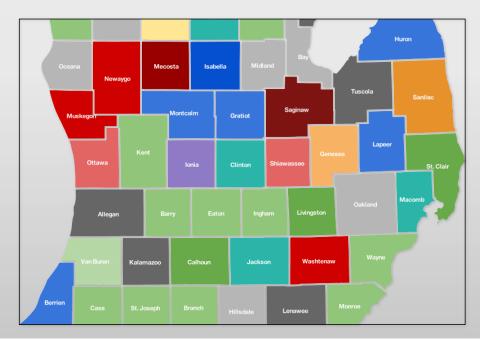


Enrollment Vision



Diversify and expand our student recruitment base

- Maintain strength in our "backyard"
- Recruit from more counties in Michigan
- Build our identity to attract out-ofstate students
- Increase enrollment of international students



From Vision to Reality



OU's Identity and visibility outside of the region must expand

- Develop quality of key programs to gain national rankings and recognition
- Housing infrastructure must be able to accommodate more on-campus students
- Scholarship strategies must be refined to fit recruitment goals
- Support structures for increased international students must be in place
- Continually improve institutional operations for recruiting and admitting students (FTIAC, transfers, out-of-state, graduate, international)

From Vision to Reality



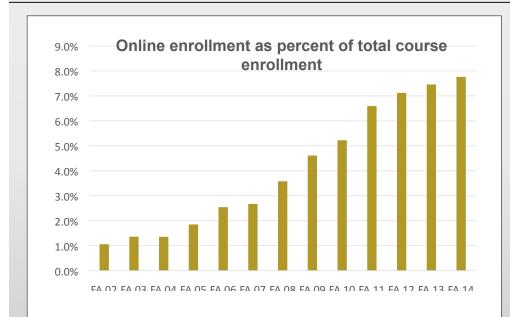
Refine Strategies for Alternate Sites and Delivery of Courses

- Build on current successful efforts in Macomb County at the Anton Frankel Center
- Seek expanded opportunities at the Macomb University Center
- Further develop our online teaching strategies, including offerings, pricing plans, etc.



Online Enrollment Growing





Online grown to almost 8% of percent of total course enrollment in 2014.

22% of UGs & 15% of grads take at least one course on line.

UG is mostly mixed, while grad are more likely to be in exclusively online programs.

		sively line	Mixed Online/ Traditional		Total Online	
	UG	GR	UG	GR	UG	GR
2014	2.7%	8.9%	19%	6.1%	22%	15%
2013	3.2%	11%	17%	5.7%	20%	17%
2012	3.7%	11%	15%	7.4%	18%	18%
2011	3.1%	9.7%	14%	7.1%	17%	17%
2010	2.7%	8.5%	11%	6.2%	13%	15%

Where Do the Macomb Sites Fit In?

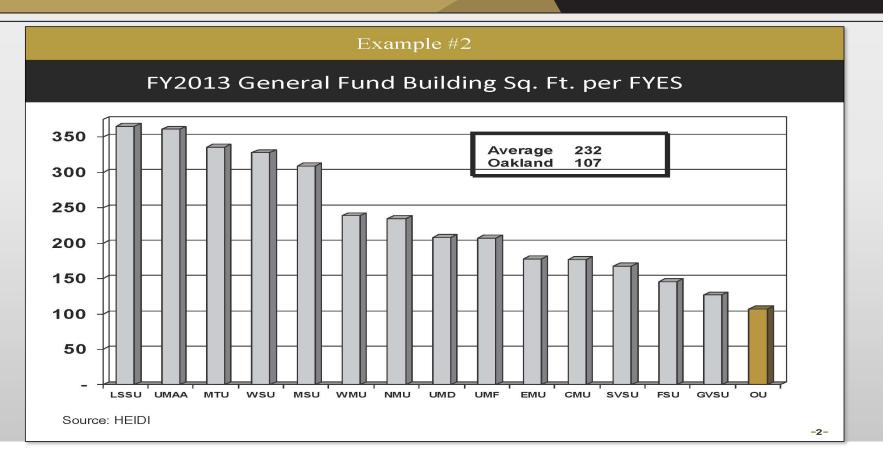


• Over half of students taking classes in Macomb are enrolled at the Anton Frankel center

		Mixed	
	Exclusively	Macomb/	
	Macomb	Other	Total Macomb
University Center	111	523	634
Anton Frankel Center	77	72 9	806
Total Macomb*	188	1252	1440

Space





Budget/Revenue Strategies

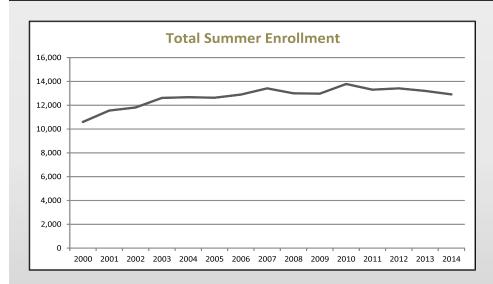


- Study and adjust tuition and pricing strategies
 - Differential tuition fees, etc.
- Pursue other types of business and operations possibilities
 - credit card convenience fees, etc.)

- Look for alternative revenues
 - summer programming
 - intermester options
 - online teaching strategies
 - graduate and post-degree programs
 - corporate training programs, etc.

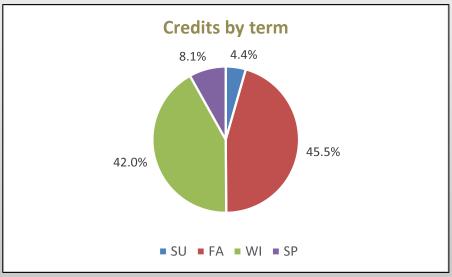
What About Summer?





Summer enrollment has historically been highly variable.

Summer credits make up 10-13% of annual credits.



2013-14 Strategic Programs



Program Type	Registrations	Gross Revenue
Professional and Continuing Education (PACE) Certifications Courses ESL	5,425	
Custom Business	373	\$1,758,660
Community Enrichment	565	N/A

Internationalization



- International Students at OU (ISSO)
- Study Abroad (International Studies)
- English as a Second Language



2014-15 ISSO Data



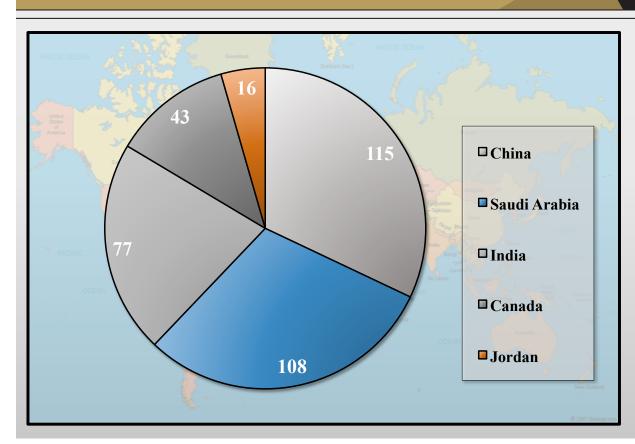
- We currently serve 599 International Students and 36 Scholars from 65 countries around the world.
- This comprises a total of 635 International Students and Scholars.





Leading International Student Countries of Origin: 2013-14





Other countries of origin include:

Albania Japan Australia Jordan Brazil Kenya Cameroon Kosovo Colombia Kuwait Denmark Libya Egypt Malaysia **Estonia** Malta France Morocco Germany Mexico Ghana Nepal Netherlands Uganda Greece Hungary Nigeria **Iceland** Norway Pakistan Iran Peru Iraq Israel Poland Italy Romania

Russia Senegal Serbia Slovakia South Korea Sri Lanka Syria Taiwan **Tanzania Thailand** Turkey Ukraine United Kingdom Vietnam

International Studies



Study abroad/Study Away Partners

- AHA International
- CIEE Council on International Education Exchange
- JCMU Japan Center Michigan Universities
- NSE National Student Exchange

Exchange partners

- University of East Anglia, Norwich
- Nanzan University, Japan
- University of Oldenburg, Germany
- Unversity of Orleans, France
- University of Malta, Malta

OU Exchange Programs (2014)

- Nanzan University, Japan
- University of Oldenburg, Germany
- University of Orleans, France

Anticipated (2015)

- Nanzan University, Japan
- University of Oldenburg, Germany
- University of Orleans, France

Study Abroad



•	Students in OU faculty-led programs in summe	r 2014 81		
•	Winter break Faculty Led Program 2015 ○ Ireland – (Prof. Brian Connery)	21		
Number of Students Abroad – AHA, CIEE, JCMU				
	 Current applicants summer 2015: 	84		
	 Current applicants fall 2015: 	34		
	 Current applicants winter 2016: 	14		
•	Students signed in at the 2014 Study Abroad Fair:		123	
•	Students using walk-in advising Sept. 2013 – O	200		
•	Students using walk-in advising Oct. 2014 – Fel	b. 2015:	104	

Carnegie Classification





OU Profile



Doctorate-granting Universities

- Includes institutions that awarded at least 20 research doctoral degrees during the update year (excluding doctoral-level degrees that qualify recipients for entry into professional practice, such as the JD, MD, PharmD, DPT, etc.)
- RU/VH: Research Universities (very high research activity)
- RU/H: Research Universities (high research activity)
- DRU: Doctoral/Research Universities

OU Profile



RU/VH

- University of Michigan
- Michigan State
- Wayne State

RU/H

- Western Michigan University
- Michigan Tech

DRU

- Central Michigan University
- Oakland University









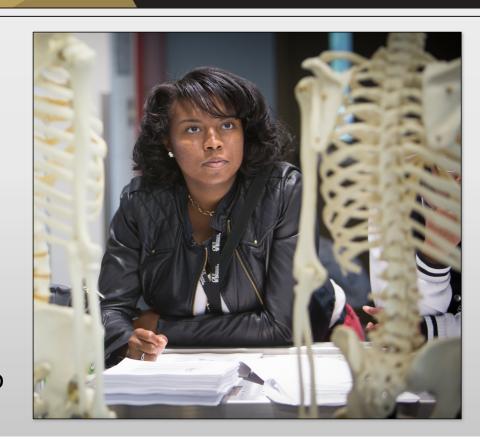




About Doctoral Research Universities



- 30 very diverse institutions
- 9 minority serving universities
- 7 historically black universities
- 1 women's university
- 2 highly specialized university
- 7 in Texas (3 Texas A&M)
- 12 in southern states & Puerto Rico



About Doctoral Research Universities



Enrollment

• Less than 800 to more than 28,000

(OU among the larger)

Doctor's degrees awarded

Less than 20 to more than 340

(OU 102)

Research expenditures

Less than \$2 million to more than \$53 million

(OU \$18 million)

DRU Public Peers



- University of Arkansas at Little Rock
 AR
- University of Northern Colorado CO
- Florida Agricultural and Mechanical University FL
- The University of West Florida FL
- Georgia Southern University GA
- Illinois State University IL
- Indiana State University IN
- Bowie State University MD
- Morgan State University MD
- East Carolina University NC
- North Carolina A & T State
 University NC

- University of North Carolina at Charlotte NC
- University of Nebraska at Omaha NB
- SUNY College of Environmental Science and Forestry NY
- Air Force Institute of Technology-Graduate School of Engineering & Management OH
- Indiana University of Pennsylvania-Main Campus PA
- South Carolina State University SC
- East Tennessee State University
 TN

- Middle Tennessee State University
 TN
- Tennessee State University TN
- Lamar University TX
- Sam Houston State University TX
- Texas A & M University-Commerce TX
- Texas A & M University-Corpus Christi TX
- Texas A & M University-Kingsville
 TX
- Texas Southern University TX
- Texas Woman's University TX

U.S. News Rankings



OU falls in the second tier

Universities received weighted rankings on:

•	Peer assessment and	(22.5%)
	high school counselor rank	
•	Financial resources	(10%)
•	Graduation and retention	(22.5%)
•	Graduation rate performance	(7.5%)
•	Student selectivity	(12.5%)
•	Faculty resources	(20%)

State of Academic Affairs





Strategic Planning Goal #1

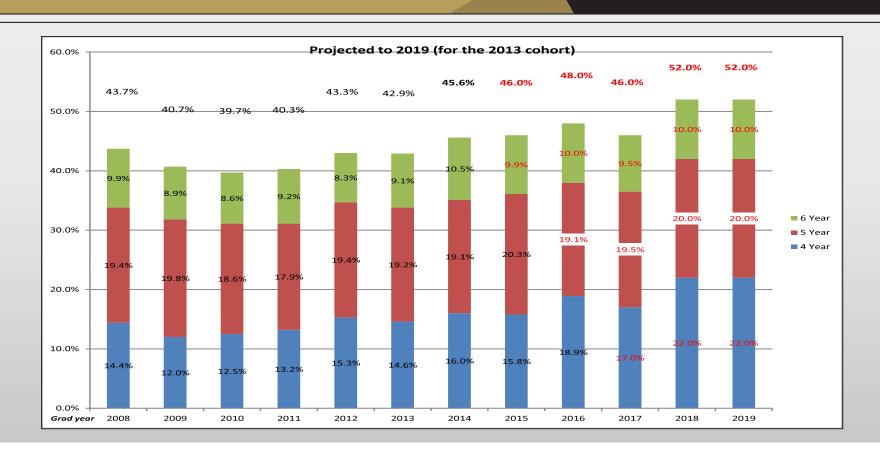


Foster student success through a robust teaching and learning environment supported by comprehensive student services.



6-Year Graduation Rate

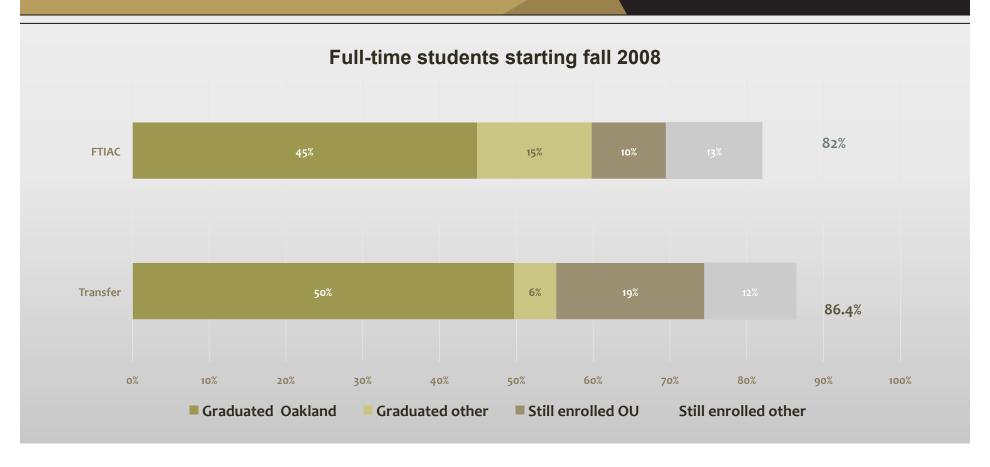




Student Achievement Measure

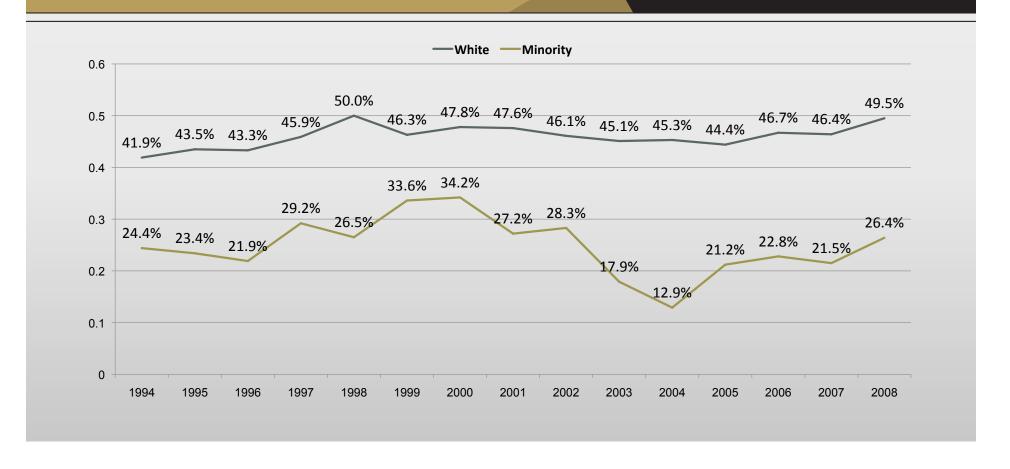
A More Complete Picture





6-Year Graduation Rate

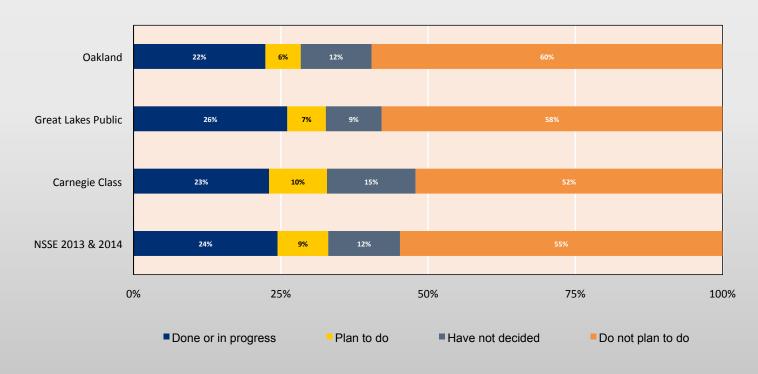




National Survey of Student Engagement



Learning Community

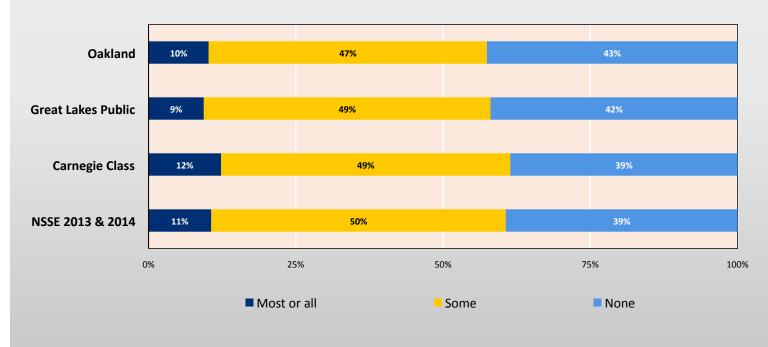


Which of the following have you done or do you plan to do before you graduate?

Participate in a learning community or some other formal program where groups of students take two or more classes together.



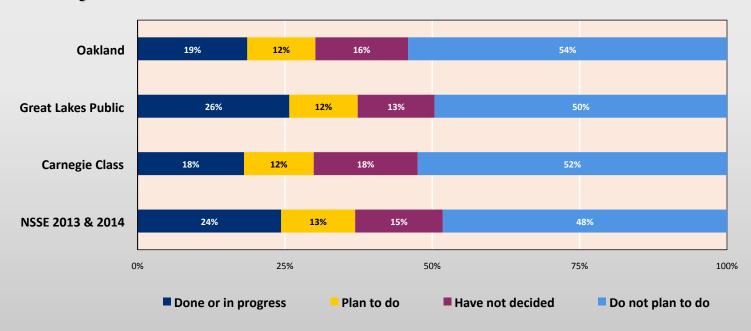
Service Learning



About how many of your courses at this institution have included a community-based project (service-learning)?



Research with a faculty member

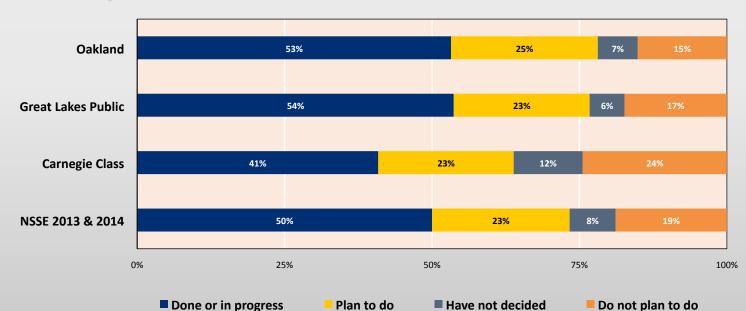


Which of the following have you done or do you plan to do before you graduate?

Work with a faculty member on a research project.



Internship or Field Experience

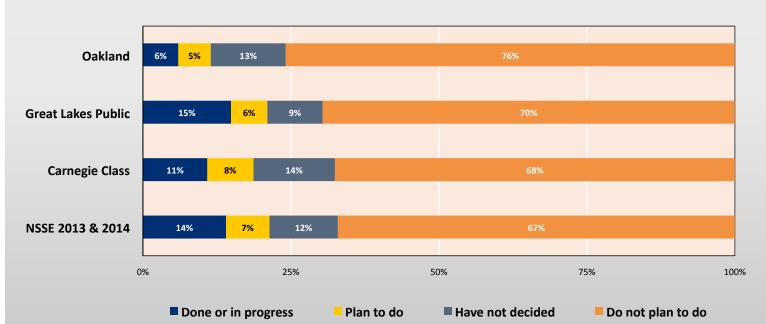


Which of the following have you done or do you plan to do before you graduate?

Participate in an internship, co-op, field experience, student teaching, or clinical placement.



Study Abroad

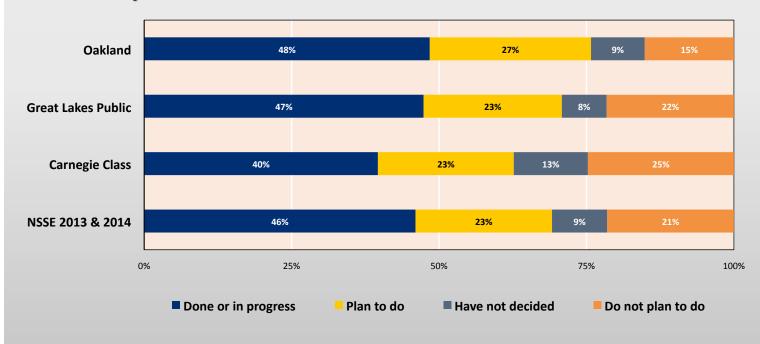


Which of the following have you done or do you plan to do before you graduate?

Participate in a study abroad program.



Culminating Senior Experience



Which of the following have you done or do you plan to do before you graduate?

Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.).

Strategic Planning Goal #2



Be recognized as a strong research and scholarly environment focused on creative endeavors, as well as on the discovery, dissemination and utilization of knowledge.



OU Research Expenditure Trends: NSF HERD Survey Data





Research Expenditures by Sponsor Type: NSF HERD Survey Data

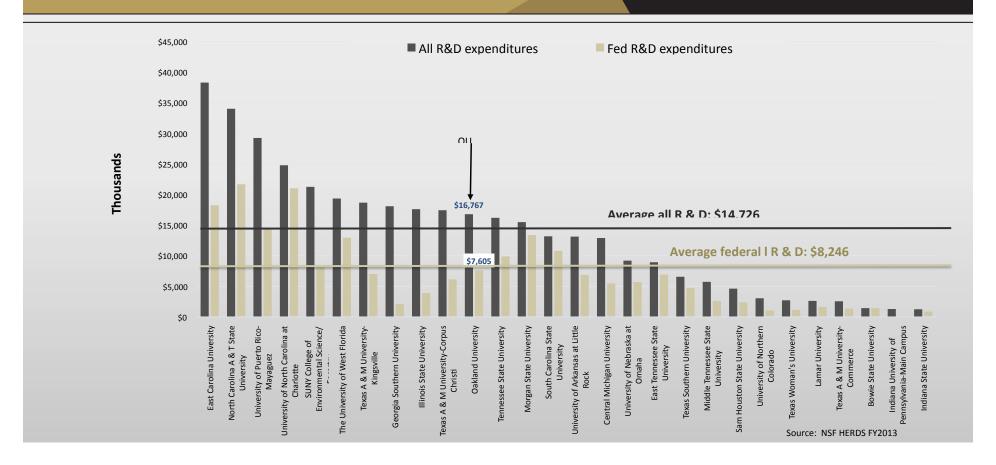




R&D Expenditures in 2013

Doctoral Research Universities





Major External Grant Awards

Federal and State



Jennifer Lucarelli	School of Health Sciences	Centers for Disease Control and Prevention	\$1,952,244	(3 years)
Pontiac: Eliminating Health Disparities				
Dao Qi Zhang	Eye Research Institute	National Institutes of Health	\$1,817,368	(4 years)
Dopaminergic Network				
Frank Giblin	Eye Research Institute	National Institutes of Health	\$1,485,196	(4 years)
Cataracts and Oxidative Stress				
Xiangqun Zeng	Chemistry	National Institutes of Health	\$1,138,014	(5 yrs)
Wearable Multi-Pollutant Sensor		(sub-award from MSU)		
Shailesh Lal	Biological Sciences	National Science Foundation	\$800,000	(3 yrs)
RNA Splicing in Maize Seed Development				

Major External Grant Awards

Federal and State



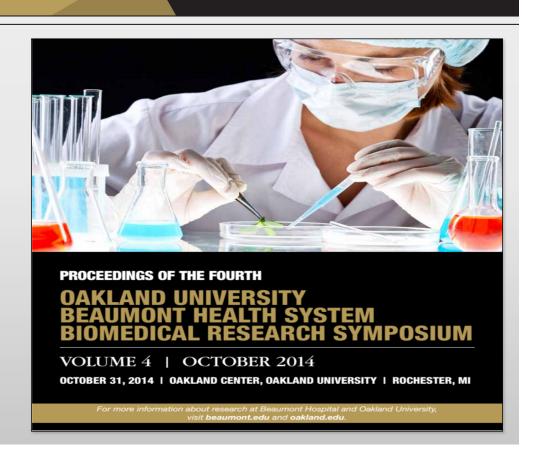
Kathleen Sweeney	School of Education and Human Services	Michigan Department of Community Health	\$500,000	(1 yr)
OUCARES multi-media programs				
Corard Madlambayan	Diological Sciences	National Institutes of Health	\$429,874	/2 vrs)
Gerard Madlambayan Endothelial Cells in Acute Myeloid Leukemia	Biological Sciences	National institutes of Health	\$429,674	(3 yrs)
Libin Rong	Mathematics and Statistics	National Science Foundation	\$400,060	(5 yrs)
Virus Infection and Immune Response: Modeling & Analysis				
Laila Guessous	Mechanical Engineering	National Science Foundation	\$359,826	(3 yrs)
Research Experience for Undergraduates (REU): Automotive & Energy Research				

Oakland University-Beaumont Health System - Research Collaborations



Beaumont | HEALTH SYSTEM





Student Research Opportunities



Biology and Chemistry

Summer Research Program

Computer Science and Engineering

UnCoRe

Mechanical Engineering

AERIM

Eye Research Institute

 In 2014, the ERI held its 14th consecutive Summer Undergraduate Program in Eye Research (SUPER)



Faculty & Student Research Support



 Provost Undergraduate Research Awards Provost Undergraduate Student Award Chrysler Undergraduate Student Research Award 	\$46,500 \$18,000
Provost Graduate Research Awards	\$ 23,910
University Research Committee Awards	
 Research 	
 Faculty Research Fellowship Award 	\$223,373
 Faculty Research Award 	\$17,398
Research Excellence Award	\$4,000
 President Colloquium 	\$1,000
 Meadow Brook Hall Res. Conf. Grant Award 	\$3,000
Student Research Award	\$2,020
• Travel	
Student Travel Award	\$18,013
Center for Undergraduate Research and Leadership (CURL)	\$9,950

Innovation





- In June 2014, OU was named one of the top most innovative companies in Southeast Michigan by Crain's Detroit Business
- In December 2014, OU spun out its first university start-up
- Fulcrum Engineering LLC, housed at OU
 INC (Professor Michael Latcha)

Strategic Planning Goal #3



Become a leader in serving the needs and aspirations of our communities and region through expanded community relationships, institutional reputation, visibility, and engagement.



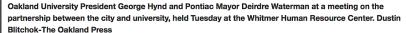
Partnerships



Oakland University, Pontiac join forces in 'town-and-gown' partnership









Partnerships and Collaborations



Program links with Colleges & Universities

Articulation agreements for 51 community college programs

- Mott
- Macomb
- · St. Clair
- Oakland

Wayne State University

Doctorate of Pharmacy Program

Michigan State University

Bachelor of Social Work

Northern Michigan University

Doctorate in Nursing Practice

University of Windsor

Teaching and Learning Conference

School of Health Science and Wayne State University

 Guaranteed 5 seats for admission in Physician Assistant Program

Partnerships and Collaborations



AK Steel Corporation

American Educational Research Association

American Medical Association Foundation

American Physical Therapy Association

Amerilodge Group LLC

Arnold P Gold Foundation

Auto/Steel Partnership

Automation Allev

Axalta Coating Systems, LLC

Battelle, Pacific Northwest Division

Beaumont Health System - NIH

Beaumont Research Institute

BETA CAE Systems USA. Inc.

Blue Cross Blue Shield of Michigan Foundation

Brooksie Wav Minigrants

Burroughs Wellcome Fund

Centers for Disease Control and Prevention

Check Corporation

Chrysler Company LLC

DENSO International America. Inc.

DTE Energy

ESI Group

Ford Motor Company

George Washington University

Health Resources & Services Administration

Henry Ford Health System

Huron Mt. Wildlife Foundation

Illinois State University

Indiana University

International Reading Association

Johnson Controls Foundation

Jonas Center for Nursing Excellence

Kresge Foundation

Michigan Campus Compact

Michigan College Access Network

Michigan Council For Arts And Cultural Affairs

Michigan Department of Community Health

Michigan Department of Labor & Economic Growth

Michigan Economic Development Corporation

Michigan Space Grant Consortium - NASA

Michigan State University

Mississippi State University

Myongji University

National Inclusion Project

National Institutes of Health

National Science Foundation

National Writing Project

NBC Universal Inc

Oakland County Health Department

Ohio State University - ARRA

OptimizeRx

RHK Technology, Inc.

SIR Foundation

Spencer Foundation

State of Michigan - Department of Education

State of Michigan - King Chavez Parks Initiative

Stevens Institute of Technology

Suzhou Gas Equipment & Valve Manufacture Co Ltd

Tongji University

U.S. Army TACOM

U.S. Department of Agriculture

U.S. Department of Defense - DARPA

U.S. Department of Health and Human Services - HRSA

U.S. Department of Health and Human Services -SAMHSA

University of Colorado Boulder

University Of Michigan

University of Nebraska - Lincoln

Vanderbilt University

Western Michigan University

Yale University

74 Total

State of Academic Affairs





UTS Measuring in Mobile Minutes



Mobile continues to grow significantly and we can track changes in operating system dependency and popularity.

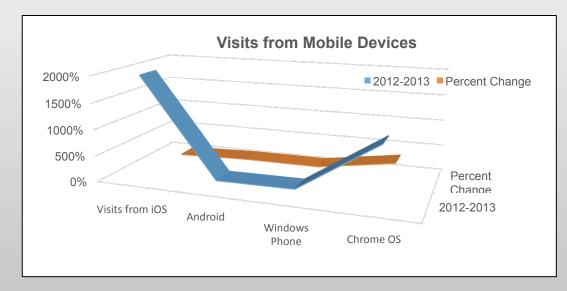
We are able to track how users are visiting the oakland.edu website using Google

Analytics.

Some notable highlights are:

Overall user sessions (in millions)

- Desktop 8.3
- Mobile 2.3
- Tablet 0.7



UTS Highlight on Advising



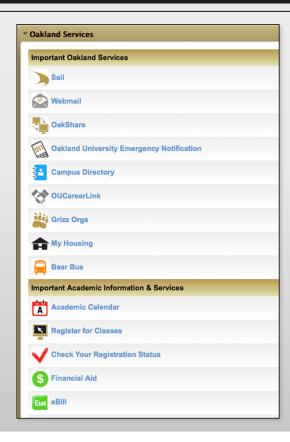
Once a future student has been identified and admitted, it is critical to support their academic success. Many investments in advising support have been implemented.

- AdvisorTrac Originally purchased as a replacement system for a homegrown School of Business Administration advising appointment system, a campus-wide solution was purchased with SBA as the original departmental user. This is an advising center management system that allows for appointment scheduling.
- Supported Registrar and Athletics in designing an athletics advising and academic progress solution using the Curriculum, Advising, and Program Planning (CAPP) module in Banner.

UTS Updates



- Banner Document Management: Advisers use many documents to support advising. Part of the project to implement Banner Document Management will be to create an online student file.
- UTS built a MySAIL portal for advisers. We tracked over 60 systems and web sites in use by advisers; around a dozen require a login. A driving enhancement adviser access to see a studentfriendly view of progress to degree.



UTS Survey Feedback



- Faculty indicated that more support for research computing and research software is desired.
- Faculty indicated that an agile approach to IT infrastructure is needed,
 supporting UTS goals to work toward an agile support model.
- Faculty responses indicate more work needs to be done in the security infrastructure, supporting UTS goals to improve that environment.

UTS Critical Goals 2014-15



- Contribute to the successful completion of university building projects, including Oak View Residence Hall, Engineering Center, Elliott Tower, P32 Parking Structure, and others.
- Continue the Voice over IP telecom transition project.
- Continue the Aruba wireless network transition project.
- Provide improvements to the MySAIL portal and app products.
- Complete migration to the PerfectForms online routable forms solution.





Thoughts and Themes



As a national university in the Doctoral Research institution, we must establish our goals and consider the following:

- Through strategic planning, define our identity, targets, and tactics
- Develop our teaching and research mission in the DRU context
- Allocate existing resources to support goals
- Develop new budget models and strategies to enhance revenues
- Develop and implement "best practice" strategies, policies, and practices across campus that model those utilized by aspirant institutions
- Develop/refine organizational structures to achieve goals

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