



PERKINS+WILL

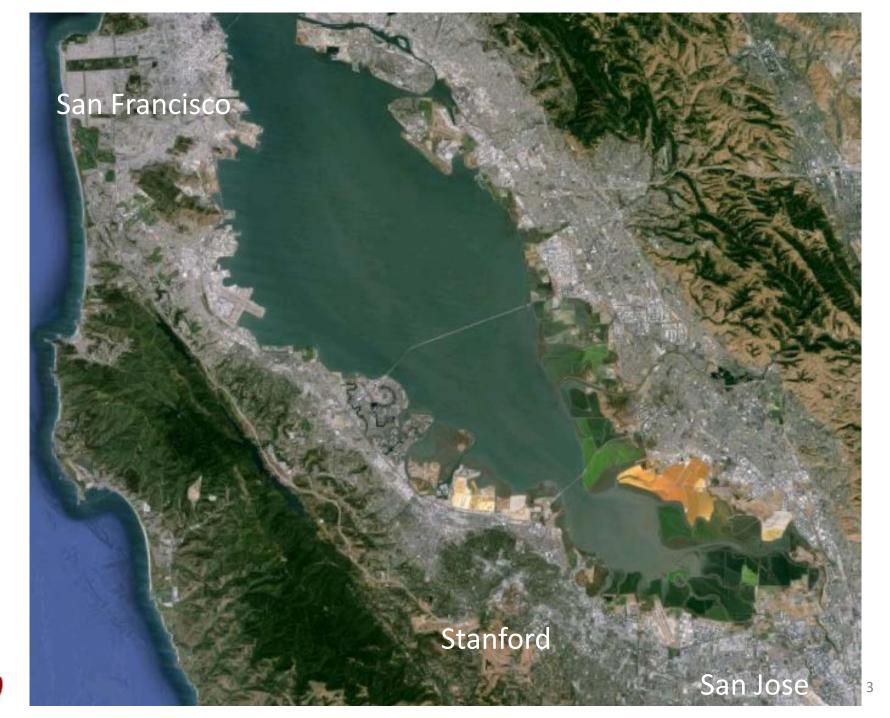
Master Planning and the Impact on Space: Processes and Lessons Learned at Stanford School of Medicine and The University of Tennessee Health Science Center

August 12, 2015 Webinar

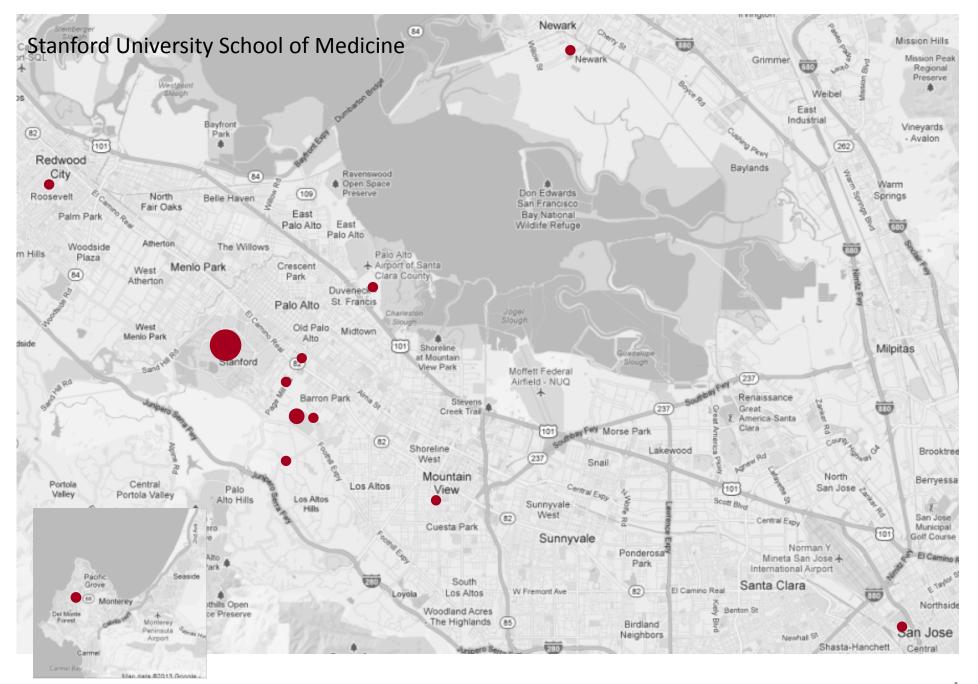
Agenda

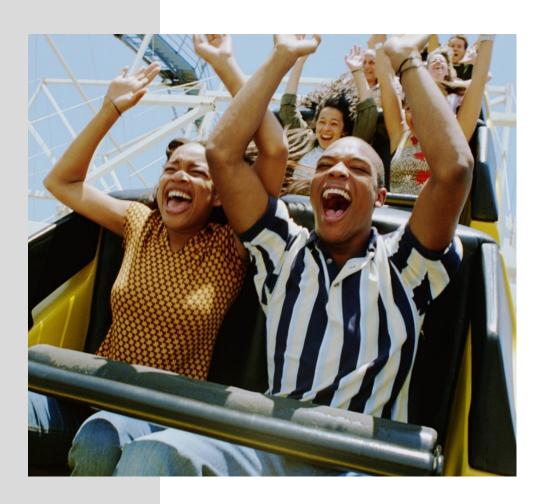
- Stanford University School of Medicine's Space Master Plan Flexible
- Data Model
 Based on faculty projections
- Reporting
 Continuous improvement
- Space Master Plan Implementation Changing











Flexible Master Plan

- faculty projections
- changing need of space types
- fluctuations in funding
- space restrictions





current faculty, staff, students, # departing faculty # future faculty, staff, and students # future faculty based on historic trends # faculty by type # faculty needing space Current buildings **Current SF** Current Building type use Average sf by faculty type SF for additional space types Future building use Year of new building Year of demolitions Year lease expirations Average cost per building type Annual cost escalation rate Future buildings per SF







Number of Faculty

X

Space by Phenotype

+

Additional Space

+

New Space Standards

Total Space Need

WET BENCH SCIENTIST DRY RESEARCH SCIENTIST

CLINICIAN

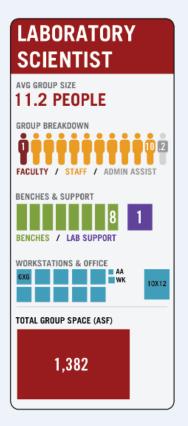
LABORATORY SCIENTIST COMPUTATIONAL

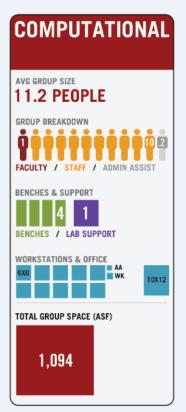
INFORMATICS / CLIN OUTCOMES

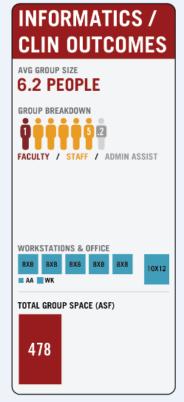
CLINICAL TRIALIST

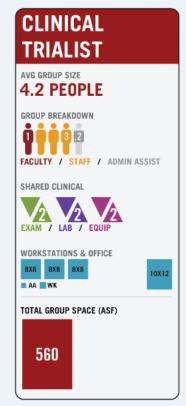
CLINICIAN

PROPOSED FACULTY PHENOTYPES







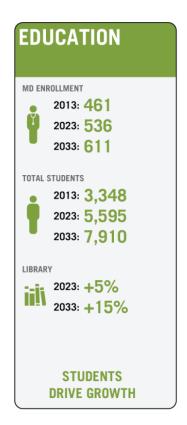




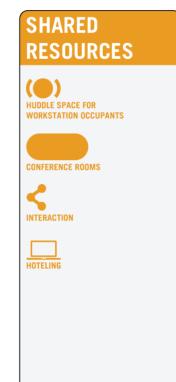
ADDITIONAL SPACE ATTRIBUTES

VET SVC, CORES, **SERVICE CNTRS** RESEARCH FTE 2013: 5,113 2023: 7,445 2033: 10,960 VET SERVICE CENTER 2023: +76% 2033: +17% **# OF RESEARCH FTE**

DRIVES GROWTH

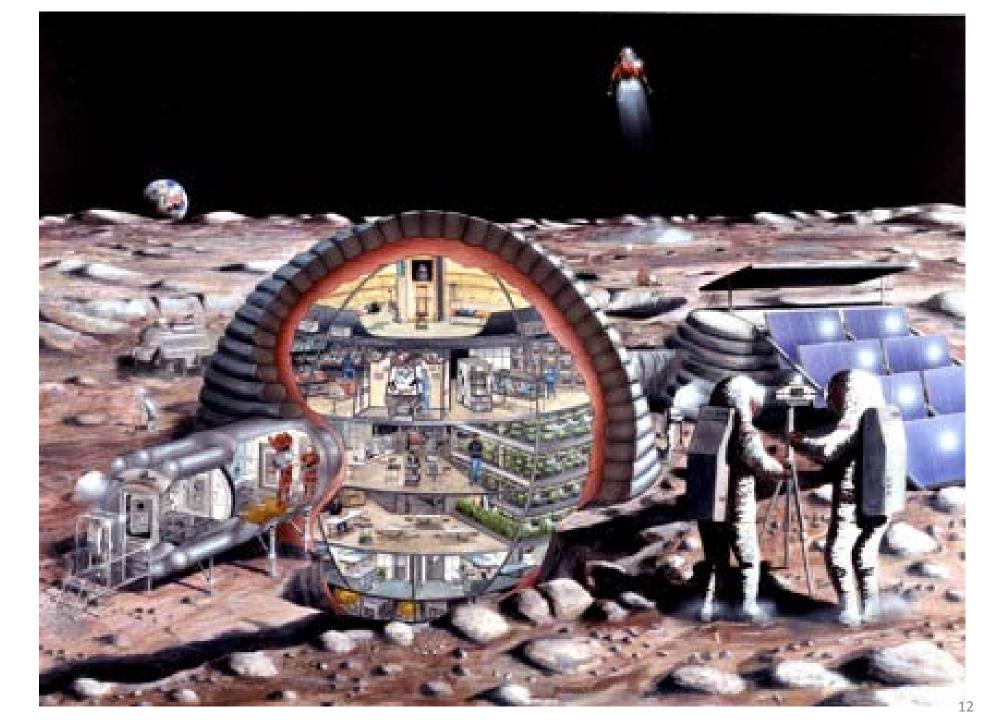


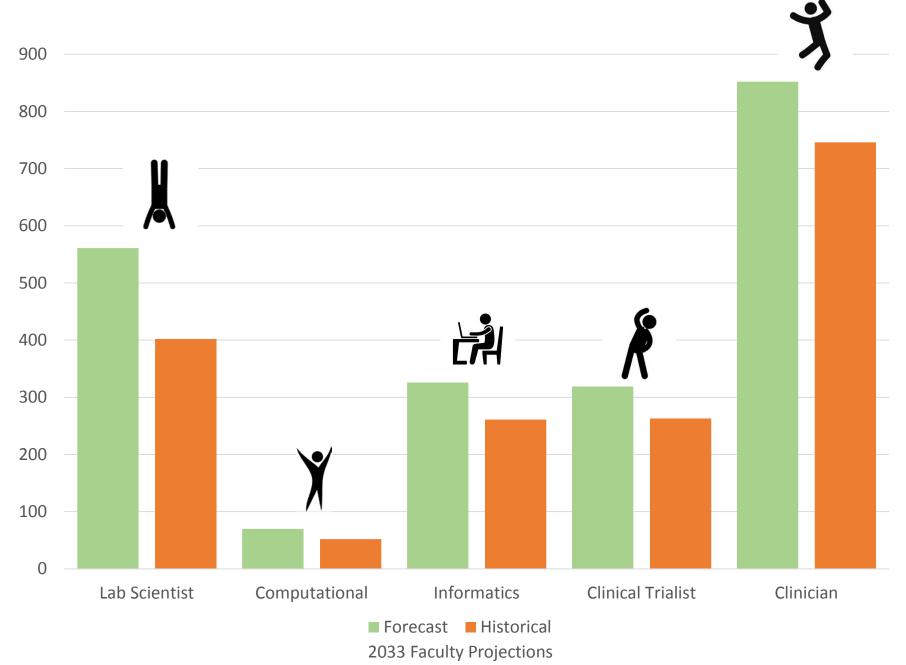


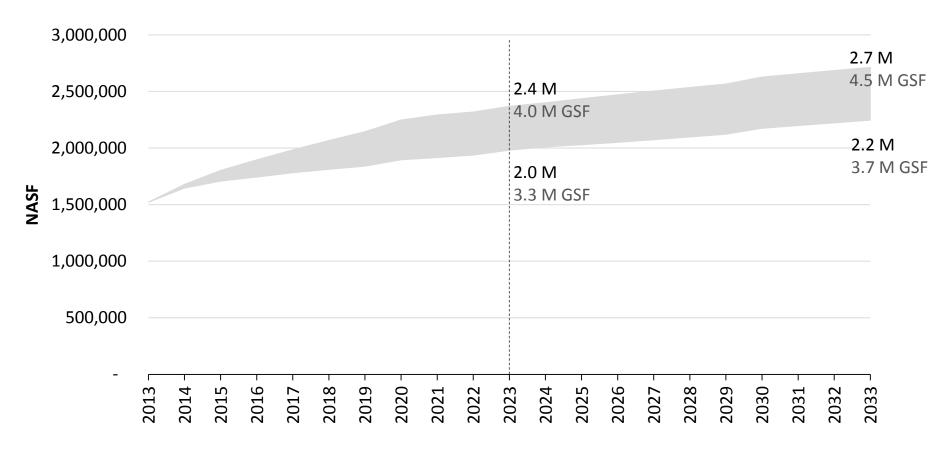




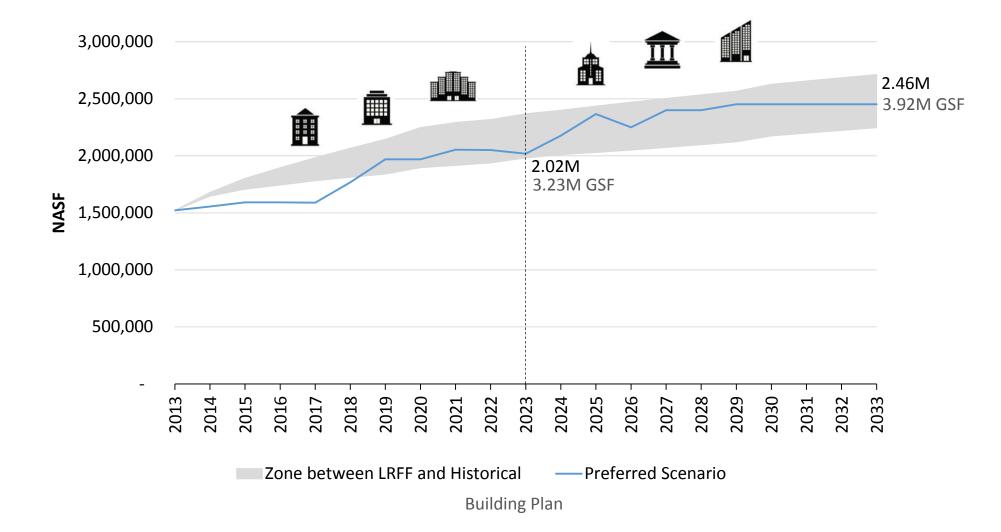


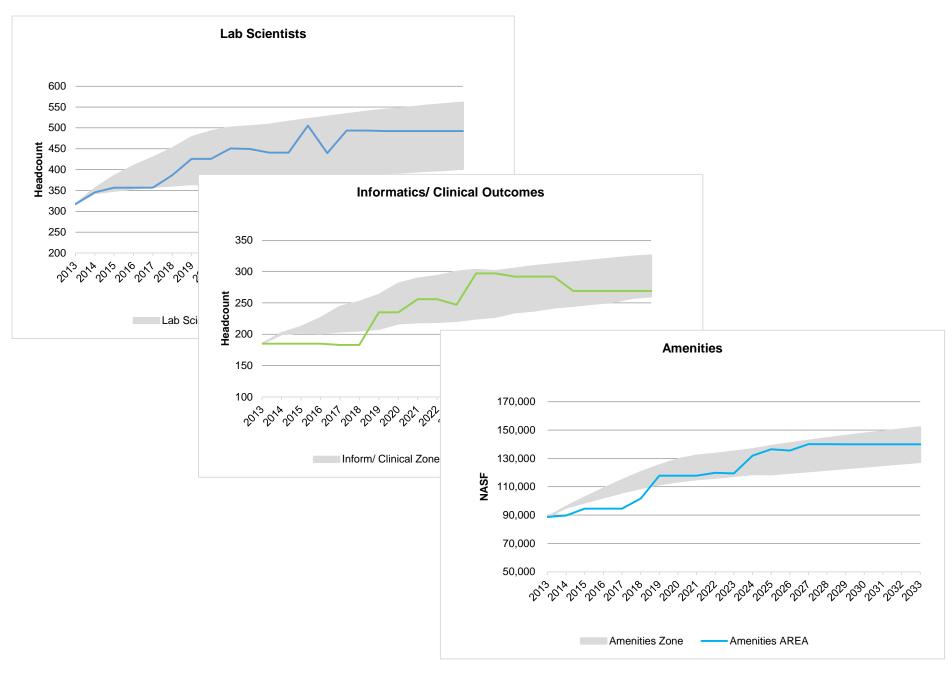






■ Zone between LRFF and Historical Net Square Feet Projected Need









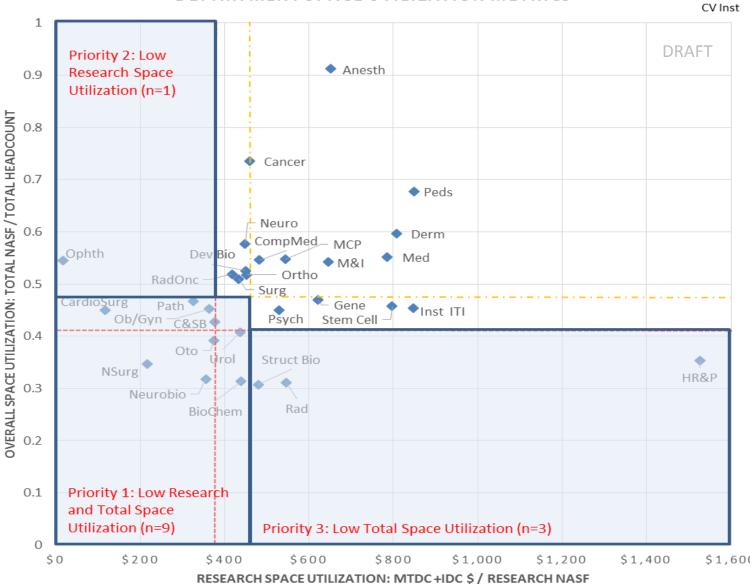




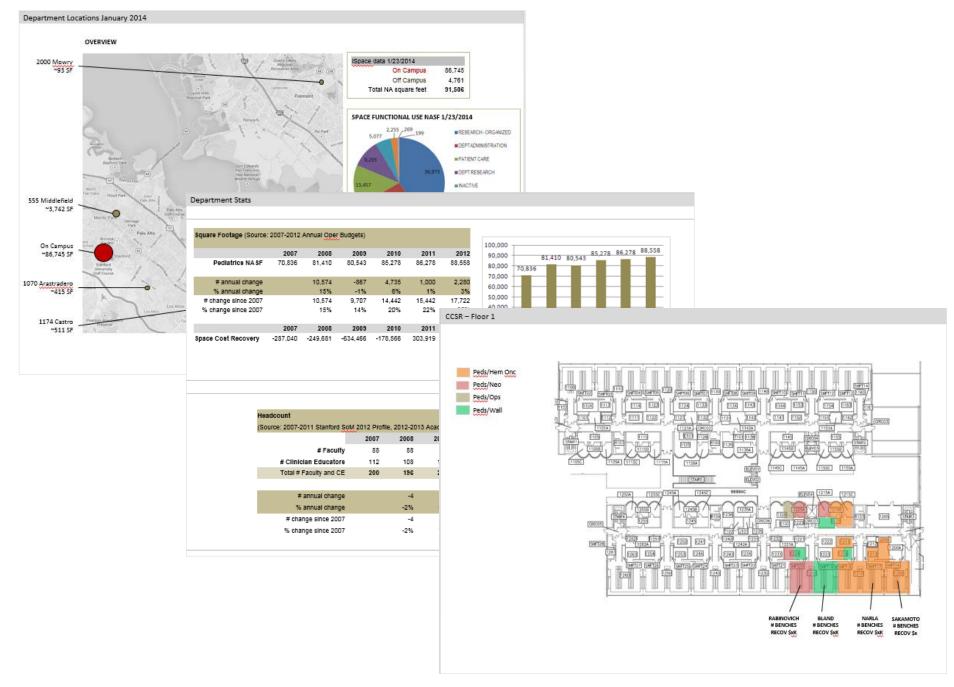
					GSF	SOM	NASF SOM TOTAL	Phenoty pes (Faculty	Lab Scientis	t Computation	a Inform/ Clinic	al Clinical Trialia	st Clinician	Support (NASF)	Vet Serv, Service Centers, Cores	Administration	Education	Shared Resources	Amenities	Programs / Vacancy/ Continge ncy				
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		Arra			295,111	117,511	78,588	52,875						14,111	1,461			2,821	2,121	3,525				
	GAIN	01				111X	1.0	751	,			71		28X			- dx	48X	28%	SX				
	9	Arra			411,111	411,111	411,111	84,888									1,541	1,541	4,521	5,488				
	SPACE	52				111X	1.0	582	- 11	× .	11			38X	58X		28X	18X	183	182				
	8	Arra			411,111	411,111	411,111	64,888	58,92		5,41			32,488	13,441		6,411	5,241	5,241	11,111				
	NEW/	511				111X	1.1		1 7			15 ·		311	Sex	31X	10X	412		182				
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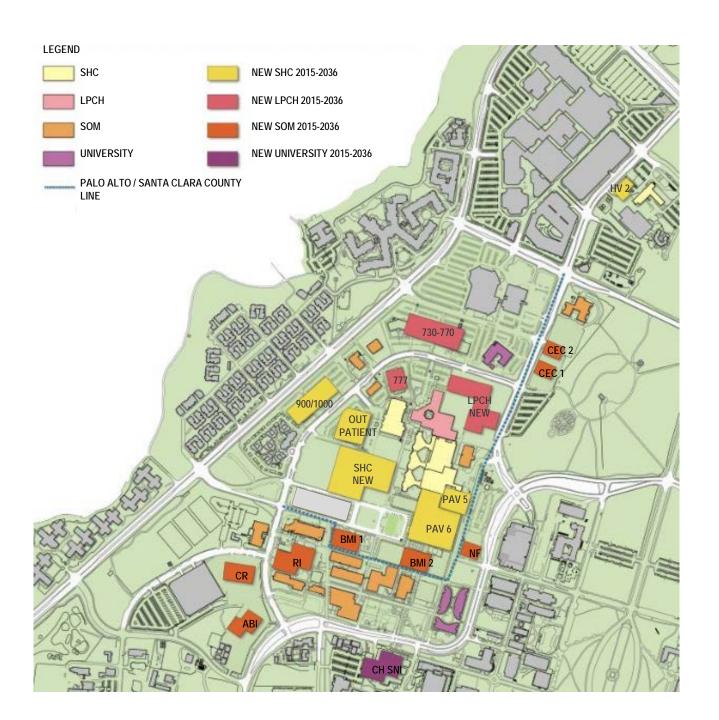
DEPARTMENT SPACE UTILIZATION METRICS









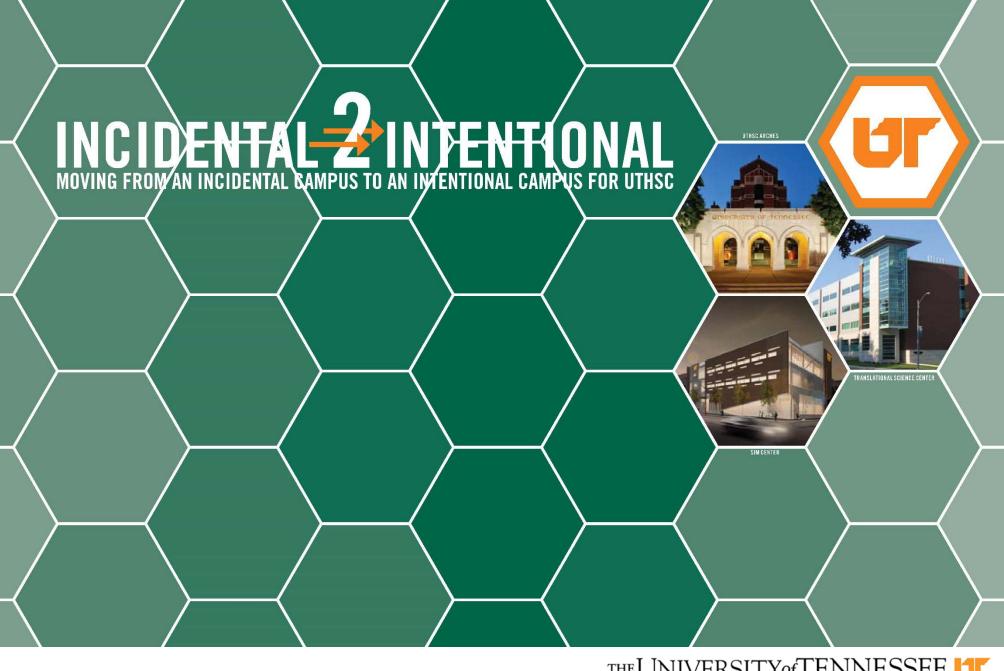






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- Data Model
 Based on faculty projections
- Reporting
 Continuous improvement
- Space Master Plan Implementation Changing





GOALS AND OBJECTIVES



Existing Challenges:

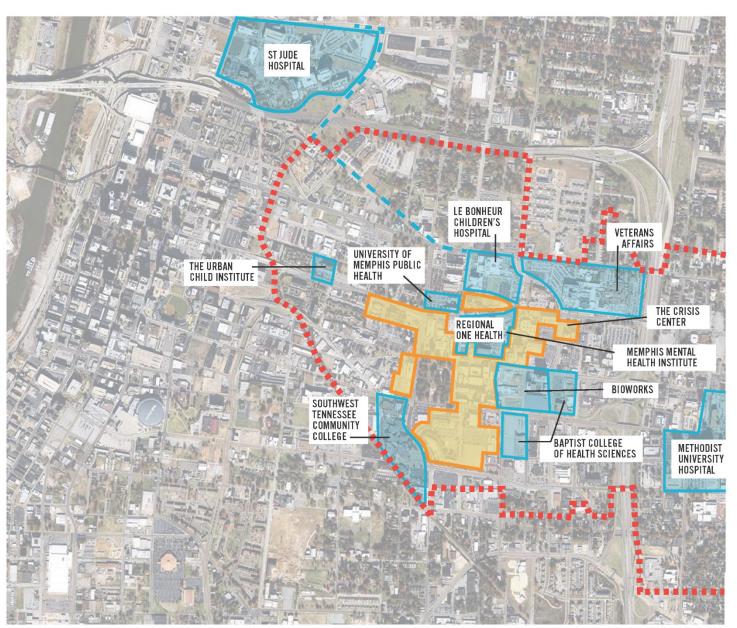
- Aging and vacant buildings
- Poor student and staff experience
- Program and adjacency demands
- New Strategic Plan / SACSCOC Accreditation



Desired Outcomes:

- Coordinated on-going improvements
- Guidance for state-of-the-art facilities
- Engaged City, District, and private partners
- Integrated development framework

PARTNERS





Professional Degree Program Sites:

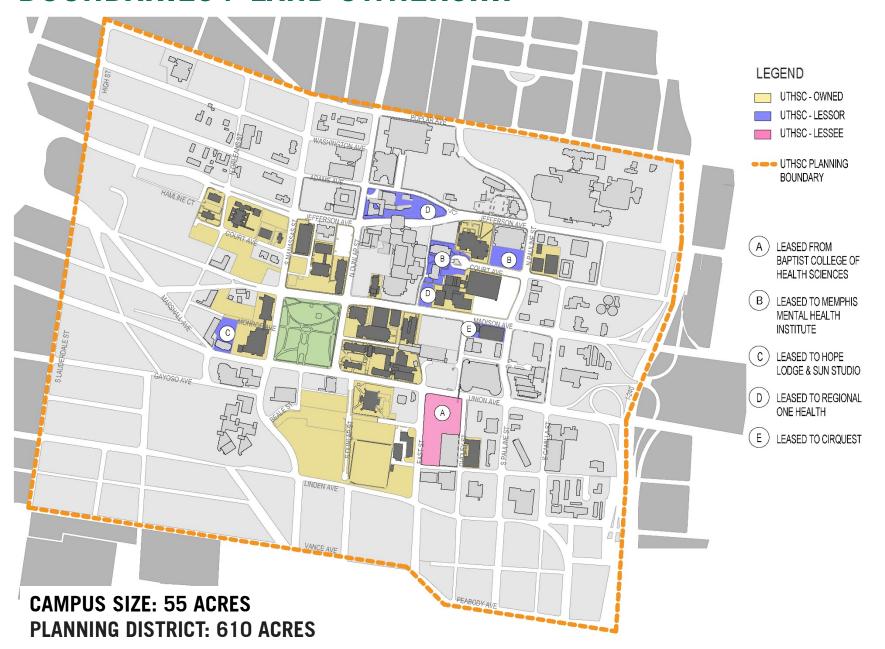
- Memphis
- Knoxville
- Chattanooga
- Nashville

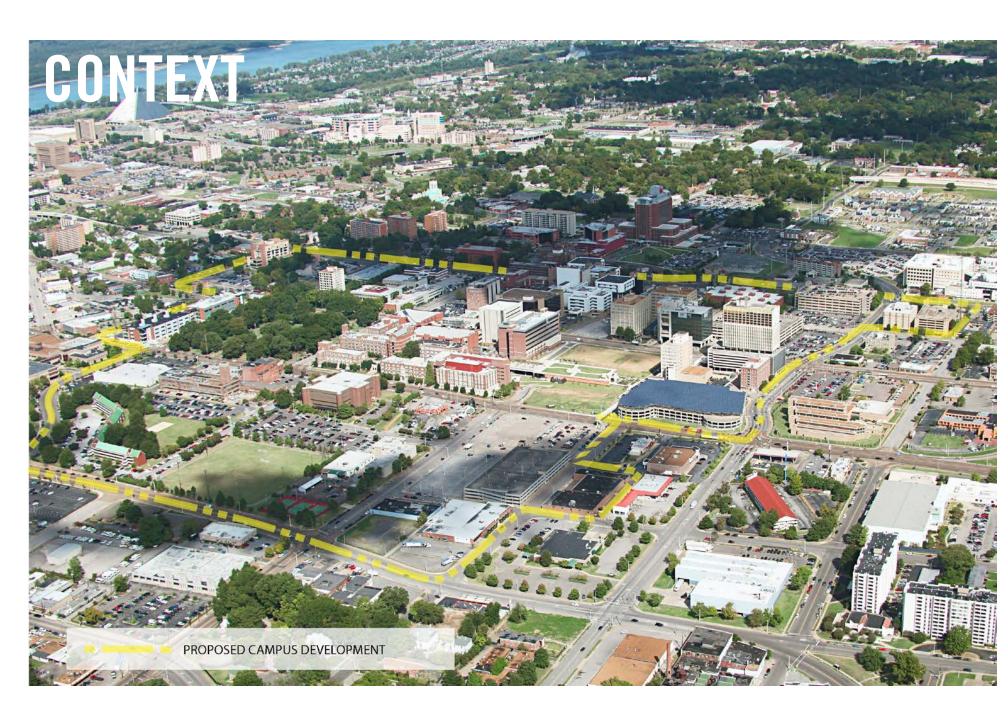
Post Graduate Program Sites:

- 50 in Memphis
- 15 in Knoxville
- 10 in Chattanooga
- 1 in Nashville
- 1 Jackson

CEC throughout state

BOUNDARIES+ LAND OWNERSHIP





PROCESS AND TOOLS

Request for Information **Projection Matrices**

- Student Enrollment
- Faculty and Staff
- Research Expenditures
- Patient Visits

State / National Standards

Dashboards

Facility Assessment

Revit Model

Vison Plan



UNIVERSITY OF TENNESEE HEALTH SCIENCE CENTER

Topic/Item	#Topic/Item Name	Date Received	Link to Location of Information (nternal P+W and external Web)
1	Institutional mission and vision		
Outstandin	g Information/Data Requested: all information		
items in	should be Fall Semester 2013		
1.1	Strategic Planning		http://www.uthsc.edu/aboututhsc/UTHSC_StrategicPlan_Summa
	Academic Plan	11/19/2013	P:\Minneapolis\051482.001-UTHSC Campus Master Plan\DOCS\02_MP_Background Information\1.0 Institutional
	Research Plan	11/19/2013	P:\Minneapolis\051482.001-UTHSC Campus Master Plan\DOCS\02_MP_Background Information\1.0 Institutional Mission and Vision\1.1 STRATEGIC PLAN
	ITS Plan	11/19/2013	P:\Minneapolis\051482.001-UTHSC Campus Master Plan\DOCS\02_MP_Background Information\1.0 Institutional Mission and Vision\1.1 STRATEGIC PLAN
	Adminstrative Plan		mission and visionally of mineral vision and visionally of the visional vision and visionally of the vision and visionally of the visional vision and visionally of the vision and visional vision
			1.0 Institutional Mission and Vision\1.1 STRATEGIC PLAN\Human Resources Assessment Plan Report Fall 2013.docx
	Clinical Services Plan		None available
	Sustainability Plan		1.0 Institutional Mission and Vision\1.1 STRATEGIC PLAN/Energy Management Assessment Plan Fall 2013.docx
	Video archives of the chancellor's town hall meetings	11/19/2013	http://www.uthsc.edu/chancellor/messages/.
1.2	Mission, Vision and Values Statements	11/19/2013	P:\Minneapolis\051482.001-UTHSC Campus Master Plan\DOCS\02_MP_Background Information\1.0 Institutional Mission and Vision\1.2 MISSION VISION
1.3	Accreditation Self-Study and Reports		http://www.uthsc.edu/aboututhsc/utmission.php 1.0 Institutional Mission and Vision\1.1 STRATEGIC PLAN\DRAFT Physical Resources 2-11-2 SACS Application 01- 17-14.pdf
1.4A	Class schedule		1.0 Institutional Mission and Vision\1.4A CLASS SCHEDULE
1.4B	Class enrollment & projection matrix	11/19/2013	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
1.4C	Current and Projected Faculty & staff count matrix	11/19/2013	1.0 Institutional Mission and Vision\1.4C CURRENT & PROJECTED FACULTY & STAFF MATRIX
1.5	Total student credit hours (by college if possible)		
1.6	Inventory of all degree programs	11/19/2013	P:\Minneapolis\051482.001-UTHSC Campus Master Plan\DOCS\02_MP_Background Information\1.0 Institutional Mission and Vision\1.6 INVENTORY OF ALL DEGREE PROGRAM
1.7A	Future Colleges?	11/19/2013	Non due to SACS

ENROLLMENT ASSUMPTIONS

nrollm	nent-Memphis Campus		CURRENT		5 YEAR PROJECTION		10 YEAR PROJECTION		
erall N	ledical Education Enrollment	Percent of overal	l pop.	_		J			
HC	College of Allied Health Sciences	17%	506	17%	559	17%	566		
	College of Dentistry	14%	425	15%	483	14%	488		
	College of Graduate Health Sciences	9%	270	9%	315	10%	351		
	College of Medicine	22%	664	20%	660	20%	660		
	College of Nursing	12%	362	17%	576	18%	602		
	College of Pharmacy	21%	632	20%	660	20%	660		
	Distance Learner (DL)		531		742		763		
	Total (excl DL)		2,859		3,253		3,327		
FTE	College of Allied Health Sciences	22%	641	21%	696	21%	704		
	College of Dentistry	14%	412	14%	467	14%	472		
	College of Graduate Health Sciences	8%	225	8%	268	9%	300		
	College of Medicine	22%	664	20%	660	20%	660		
	College of Nursing	14%	407	17%	580	17%	583		
	College of Pharmacy	21%	632	20%	660	20%	660		
	Distance Learner (DL)	3,500 -							
	Total (excl DL)	3,400 -							
FTS	College of Allied Health Sciences (red box indicates use FTS vs. FTE) College of Dentistry	of 3,300 3,200 3,200 3,000 2,900 2,800							
	College of Graduate Health Sciences	5 3,000 =							
	College of Medicine	2,500							
	College of Nursing (red box indicates use of FTS vs. F	TE) 2,700 -							
	College of Pharmacy	2,600 -	2,859	3,253	3,327		2,980 3,3	30 3,3	70
	Distance Learner (DL)	2,500 -	2,039	3,233	5,527		2,500 5,5	3,3	
	Total (excl DL)			HC			F	TE	
			JRRENT	■ 5 YE	AR PROJECTIO	N	■ 10 YEAR	PROJECT	ION

FACULTY AND STAFF ASSUMPTIONS

UNIVERSITY OF TENNESEE HEALTH SCIENCE CENTER FACULTY AND STAFF PROJECTIONS please provide current and projected head counts and full time equivalents for both faculty and staff

please confirm the faculty and staff titles/ assignments

Not on Tenure Track

Professional Staff

Staff, Technician

Note: fill in highlighted cells only- grey cells calculate automatically from highlighted cell inputs								
	CURRENT	CURRENT (as of 11-01-2013)		ROJECTION	10 YEAR PROJECTION			
	Headcount	FTE	Headcount	FTE	Headcount	FTE		
Overall Memphis Campus Staffing	Total							
Administrative Faculty and Staff	1,118	883	1,210	985	1,246	1,023		
Academic Faculty and Staff	4,655	2,700	5,342	3,129	5,890	3,442		
Total Administrative & Academic Faculty and Staff	5,773	3,583	6,552	4,114	7,136	4,465		
College of Allied Health Sciences								
Academic Faculty and Staff	164	96	217	173	253	199		
Dean	1	1	1	1	1	1		
Assoc. Dean, Dept. Chairs	9	9	8	8	9	9		
Faculty -Professor, Assoc, Asst, Instr	40	35	101	80	128	97		
Tenured/ Tenure Track	26	25						

9

10

Staffing-Memphis Campus

14

49

10

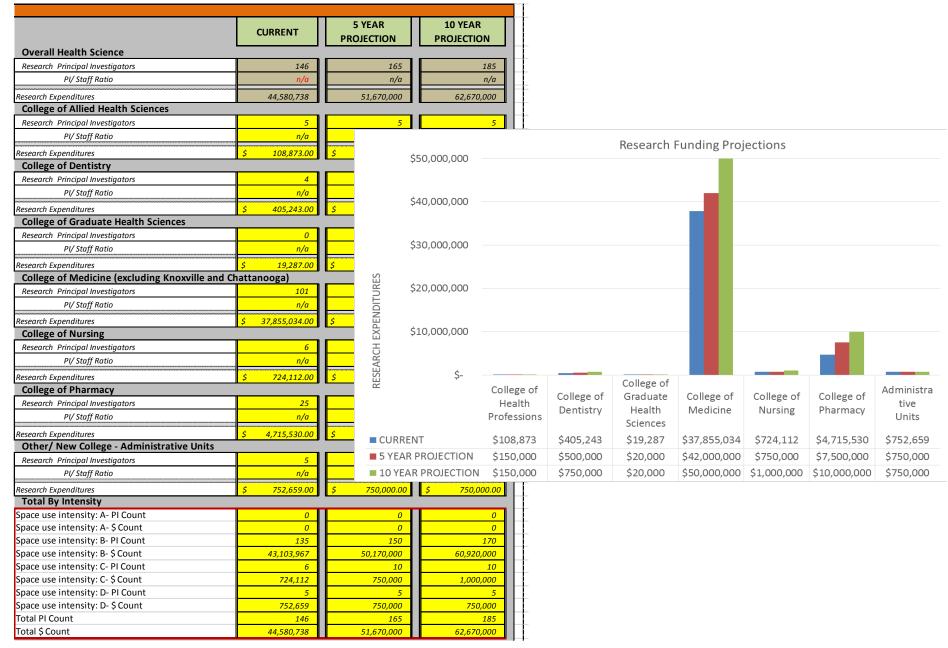
ring-iv	viempnis Campus	CORRENT	PROJECTION	PROJECTION
TE	Academic Faculty & Staff	2,700	3,129	3,442
	Deans	6	6	6
	Assoc. Dean, Dept. Chairs	59	71	75
	Faculty-	747	974	1,135
	Tenured/ Tenure Track	394	474	514
	Not on Tenure Track	353	500	62:
	Professional Staff	300	342	374
	Clerical	219	256	289
	Staff, Technician	144	176	201
	GTA (Headcount)	3	4	4
	GRA (Headcount)	35	38	41
	Med Intern/Resident/Fellow/Train/Post Doc	819	865	909
	Student Clerical	61	63	64
	Other: Auditor, etc.	307	333	345
	Administrative Faculty and Staff	883	985	102:
	Chancellor	1	1	
	Vice Chancellors	6	5	!
	Associate Asst. Vice Chancellors	10	10	10
	Professional Staff	245	317	329
	Clerical	127	134	138
	Staff, Technician	289	313	33!
	Student Clerical	171	168	168
	Med Intern/Resident/Fellow/Train/Post Doc	2	2	
	Other: Auditor, etc.	0	0	
	Auxiliary Staff	32	35	3

5 YEAR

10 YEAR

GTA (Heducount)	U	U
GRA (Headcount)	0	0
Med Intern/Resident/Fellow/Train/Post Doc	0	0
Student Clerical	0	0
Other: Friends of UT, Visiting Scholars	54	36
College of Dentistry		
Academic Faculty and Staff	431	282
Dean	1	1
Assoc. Dean, Dept. Chair	11	11
Faculty -Professor, Assoc, Asst, Instr	142	84
Tenured/ Tenure Track	41	40
Not on Tenure Track	101	45
Professional Staff	21	18
Clerical	54	54
Staff, Technician	40	40
GTA (Headcount)	12	2
GRA (Headcount)	0	0
Med Intern/Resident/Fellow/Train/Post Doc	12	12
Student Clerical	55	17
Other: Friends of UT, Visiting Scholars	83	42
College of Graduate Health Sciences		
Academic Faculty and Staff	36	16
Dean	1	1
Assoc. Dean, Dept. Chair	6	5
Enculty Drafaccar Accas Acct Instr	0	n

RESEARCH ASSUMPTIONS



CLINICAL SPACE ASSUMPTIONS

- Flexibility needed for varied activities,
 operational models, patients and practices
- Clinic modules: 9,000 sf / 12-15 patient encounter spaces
- Clinic neighborhoods: groups located with key diagnostics are more efficient than individual clinics
- Highly specialized clinics require unique equipment: e.g. Dental, Ophthalmology follow their own rules-of-thumb

CLINICAL - SIZING

COLLEGE OF DENTISTRY

		CHAIRS		NEW S	SPACE
	Student	Faculty	Total	DGSF	BGSF
Existing 2013	264	8	272		
Projected 2023	330	12	342		
New			70	35,000	47,250

HAMILTON EYE INSTITUTE

Visits (Cases)	Key Rooms	Utilization
18,074	35	13%
19,927	11	45%
3,200	4	32%
3,528	3.1	45%
	(Cases) 18,074 19,927 3,200	(Cases) Rooms 18,074 35 19,927 11 3,200 4

UNIVERSITY HEALTH SERVICES

	Visits	Exam Rooms	Current Expansion
Existing 2013	21,038	9	
Projected 2023	22,658	11	19

UNIVERSITY THERAPISTS

	Visits	NSF
Existing 2013	522	1,700
Projected 2023	565	3,500

DASHBOARDS

110 - classroom	CURRENT	GUIDELINE	PROPOSED NEW PROJECTS	5 YEAR PROJECTION	POTENTIAL DEMO AT REDEV. SITES	10 YEAR PROJECTION
Total or Guideline ASF	95,355	37,014		41,357		41,967
Owned ASF (input as [+])	95,355					
Owned-Institutional UseASF (input as [+ o	93,280		0	0	0	0
Owned-Leased/Shared out ASF (input as [0		0	0	0	0
Owned-Vacant ASF (input as [+ or -])	2,075		0	0	0	0
Leased ASF (input as [+ or -])			0	0	0	0
New Construction ASF (input as [+])			3,051	0	74,859	0
Demolition ASF (input as [-])			(3,736)	0	(25,544)	0
Reassigned ASF (input as [+ or -])	0		0	0	0	0
Surplus / Deficit ASF		58,341	(685)	53,314	94,671	52,703

* all areas include service space	:e (FICM ##5)
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space guidelines

Space Standard Used

• CEFPI
• THEC

ALTERNATIVE BENCHMARK

ASF per FTE 0.00 12.42 11.97

the average of general classrooms space found across sample institutions

Space Variables

Goal WRU (hr) Goal SUR (%)

Seat Allocation (average SF)
Weekly Student Contact Hours

40.0 60% 25 0

Academic Space Needs



	Current	Guideline
ASF per FTE	31.99	12.42
% of total campus	6.6%	1.8%

notes

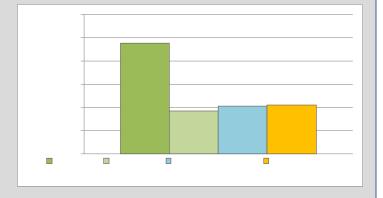
Current SF owned Vacant" in the inventoryis located in Boling Center For Developmental Disabilities, and Crow Research building

Proposed projects include demolition of space in Mooney and Demo and Renovation in Crow Building.



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University of Tennessee Health Science Center

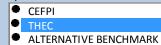


220 - open lab	CURRENT	GUIDELINE	PROPOSED NEW PROJECTS	5 YEAR PROJECTION	10 YEAR PROJECTION
Total or Guideline ASF	3,473	14,902		16,650	16,896
Owned ASF (input as [+])	3,473				
Owned-Institutional UseASF (input as [+ o	3,375		0	0	0
Owned-Leased/Shared out ASF (input as [0		0	0	0
Owned-Vacant ASF (input as [+ or -])	97		0	0	0
Leased ASF (input as [+ or -])	0		0	0	0
New Construction ASF (input as [+])			1,612	0	0
Demolition ASF (input as [-])			0	0	0
Reassigned ASF (input as [+ or -])	0		0	0	0
Surplus / Deficit ASF		(11,429)	1,612	(11,566)	(11,812)

^{*} all areas include service space (FICM ##5)

space guidelines

Space Standard Used



ASF per FTE

3.70 5.00 9.45

an average of open lab space found across sample institutions

Space Variables

Goal WRU (hr) Goal SUR (%)

45.0 33% Seat Allocation (average SF) 50 SF+1 55

Sf = seat allocation WRU(SUR)

Academic Space Needs



es			
posed new open	lab space is	s planned	in the Re

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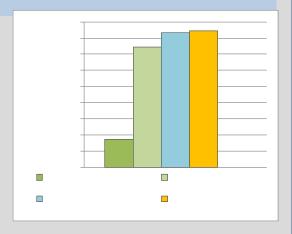


Current Guideline ASF per FTE 1.17 5.00 % of total campus 0.2% 0.7%

note

Prop enovation of the Crowe Building.

University of Tennessee Health Science Center



250 - research labs	CURRENT	GUIDELINE	PROPOSED NEW PROJECTS	5 YEAR PROJECTION	10 YEAR PROJECTION
Total or Guideline ASF	276,391	237,400	58,163	275,643	334,593
Owned ASF (input as [+])	276,391				
Owned-Institutional UseASF (input as [+ o	221,579		0	0	0
Owned-Leased/Shared out ASF (input as [10,432		0	0	0
Owned-Vacant ASF (input as [+ or -])	54,812		0	0	0
Leased ASF (input as [+ or -])	0		0	0	0
New Construction ASF (input as [+])			136,457	0	0
Demolition ASF (input as [-])			(78,294)	0	0
Reassigned ASF (input as [+ or -])	0		0	0	0
Surplus / Deficit ASF		38,990		69,343	10,393

10 YEAR PROJECTION

* all areas include service space (FICM ##5)

space guidelines THEC Space Variables

Space Standard Used ASF

THEC CALC by PI

THEC CALC by \$
CEFPI- CALC ASF/ FACULTY

Alternative Benchmark

5 YEAR PROJECTION

81

an average of research lab space found across sample institutions

Quantity of PIs (A)	0
Quantity of PIs (B)	135
Quantity of PIs (C)	6
Quantity of PIs (D)	5
Module Size (A) [ASF]	600
Module Size (B) [ASF]	450
Module Size (C) [ASF]	300
Module Size (D) [ASF]	50
Research Expenditures (A)	\$ -
Research Expenditures (B)	\$ 43,103,967
Research Expenditures (C)	\$ 724,112
Research Expenditures (D)	\$ 752,659

Academic Space Needs



6/26/2015

PERKINS +WILL

Current Guideline

ASF per FTE 92.74 79.65

% of total campus 19.2% 14.6%

notes

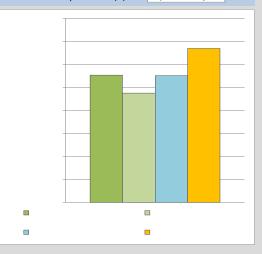
Overall Owned space does not include leased/shared out space but does include vacant space.

The leased space is located primarily in the Van Vleet Cancer Center.

The Vacant space is currently distributed across multiple buildings on campus with the majority of the space (34,500 Sf) located in Molecular Sciences Building, Nash Research, Van Vleet building and Coleman College of Medicine building.

Proposed projects include Renovation of space in Crowe, Nash Annex and Nash buildings, Demolition of space in Mooney building and New construction including Translational Research building, 5th & 6th floor of the Pharmacy building and 4th floor of the Cancer Research building.

University of Tennessee Health Science Center

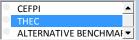


300 - office	CURRENT	GUIDELINE	PROPOSED NEW PROJECTS	5 YEAR PROJECTION	10 YEAR PROJECTION
Total or Guideline ASF	563,481	439,448		517,366	564,931
Owned ASF (input as [+])	563,481				
Owned-Institutional UseASF (input as [+ o	450,121		0	0	0
Owned-Leased/Shared out ASF (input as [30,216		0	0	0
Owned-Vacant ASF (input as [+ or -])	113,360		0	0	0
Leased ASF (input as [+ or -])	0		0	0	0
New Construction ASF (input as [+])	0		103,908	0	0
Demolition ASF (input as [-])	0		50,488	0	0
Reassigned ASF (input as [+ or -])	0			0	0
Surplus / Deficit ASF		123,981	53,420	129,698	82,134

^{*} all areas include service space (FICM ##5)

space guidelines

Space Standard Used



ASF per Student FTE 185.00 147.45

THEC Space Variables

Current

Academic Faculty & Staff

ASF per President, Chancellor	350
ASF per Provosts, Vice Chancellor	240
ASF per Assoc. Dean, Dept. Chair	180
ASF per Dean	180
ASF per Assoc. Dean, Dept. Chair	150
ASF per Professor, Assoc, Asst (tenured)	150
ASF per Other Faculty (untenured)	100
ASF per Professional Staff	130

Guideline

	_
ASF per Clerical	120
ASF per Staff, Technician	100
ASF per Med Intern/Resident/Fellow/Train/Po	40
ASF per GTA (Headcount)	60
ASF per GRA (Headcount)	40
ASF per Student, Clerical	40
ASF per Other: Auditor, etc.	100

Academic Space Needs



6/26/2015 PERKINS

+WILL

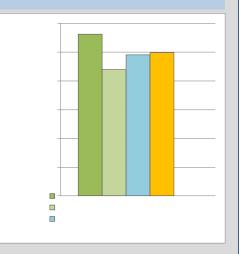
ASF per FTE student 189.06 147.45
ASF per FTE
faculty/staff 157.26 122.65
% of total campus 39.2% 49.4%

notes

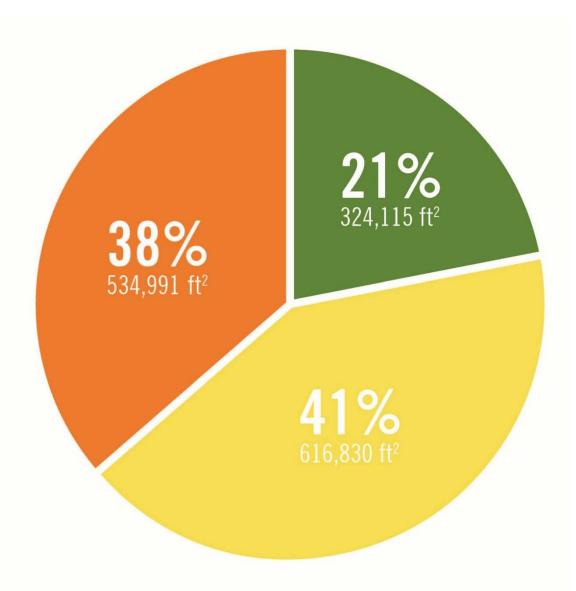
Overall Owned space does not include leased/ shared out space

See detailed break down by academic and administrtive for further info

University of Tennessee Health Science Center



FACILITY ASSESSMENT



SATISFACTORY, NEW, OR UNDERWAY

- Pharmacy Building: 62,835 ft²
- Alexander Building: 61,566 ft²
- Nash Research Building: 55,580 ft²
- Cancer Research Building: 40,363 ft²
- Crowe Research Building: 34,791 ft²
- Nash Addition: 33,465 ft²
 Mooney Building: 19,235 ft²
- Regional Biocontainment Lab: 16,010 ft²

REQUIRES UPGRADES

- 930 Madison Building: 117,915 ft²
- General Education Building: 116,147 ft²
- Coleman College of Medicine Building: 98,066 ft²
- Dunn Dental Building: 74,560 ft²
- Student-Alumni Center: 65,445 ft²
- Wittenborg Anatomy Building: 39,738 ft²
- Dudley Street Building: 29,733 ft²
- Hyman Administration Building: 28,899 ft²
- Purchasing and Physical Plant Building: 24,233 ft²
- Link Building: 22,094 ft²

CRITICAL

- 920 Madison Building: 89,140 ft²
- Boling Center for Developmental Disabilities: 81,394 ft²
- 910 Madison Building: 81,265 ft²
- Doctors Office Building: 62,400 ft²
- Molecular Sciences Building: 58,650 ft²
- Madison Avenue Plaza: 41,590 ft²
- Johnson Building: 41,376 ft²
- Van Vleet Cancer Center: 40,575 ft²
- Phi Chi Medical Fraternity House: 14,953 ft²
- Physical Plant Shops Building: 11,307 ft²
- **740 Court Avenue:** 5,502 ft²
- 66 Pauline Annex Building: 3,188 ft²
- Variety Building: 2,542 ft²
- UT Doctors Pavilion: 1.109 ft²



ESTABLISHED IN 1911
FIRST BUILDING CONSTRUCTED 1925

FACILITY IMPROVEMENTSPHYSICAL AND PROGRAMMATIC

LEGEND

SATISFACTORY,
NEW OR UNDERWAY

REQUIRES UPGRADES

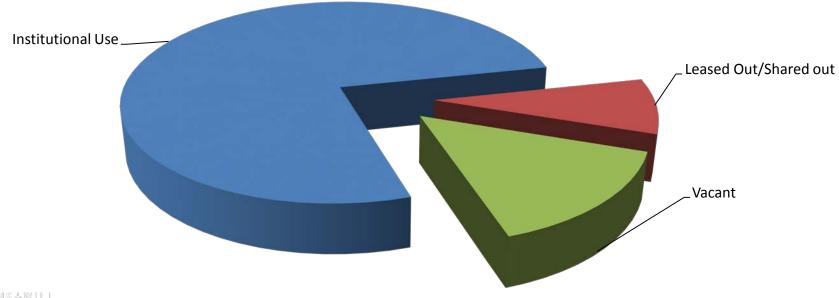
CRITICAL

DEMOLISHED

PARKING/ INFRASTRUCTURE

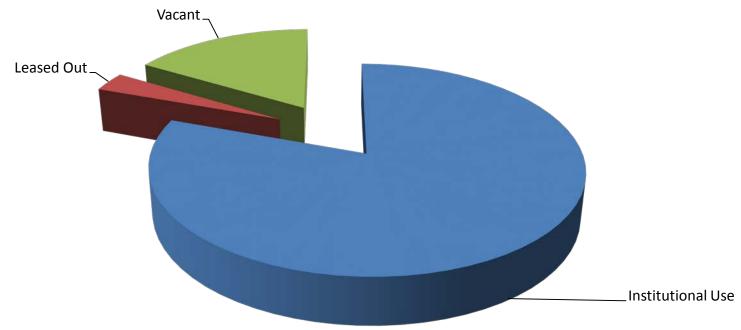
OVERALL SPACE IMPACT

- Over 940,000 asf (62%) requires renovation, repurposing or replacement
- Over 222,000 asf (15%) is vacant
- Nearly 126,000 asf (8%) is leased to tenants
- It is difficult to schedule and utilize space effectively

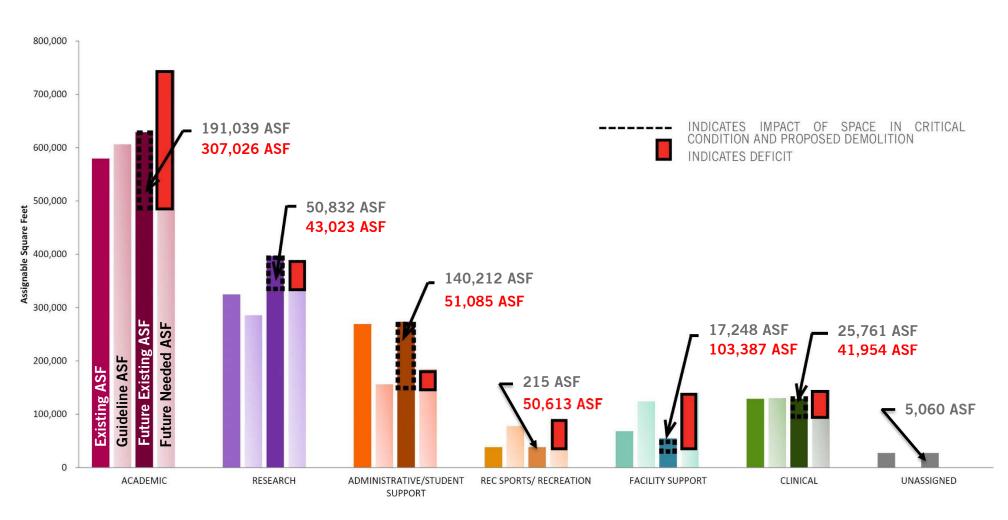


RESEARCH SPACE IMPACT

- Over 55,000 asf (16%) is currently vacant
- Vacant research space does not meet benchmarks and best practices
- Only 10,400 asf (3%) is leased to tenants

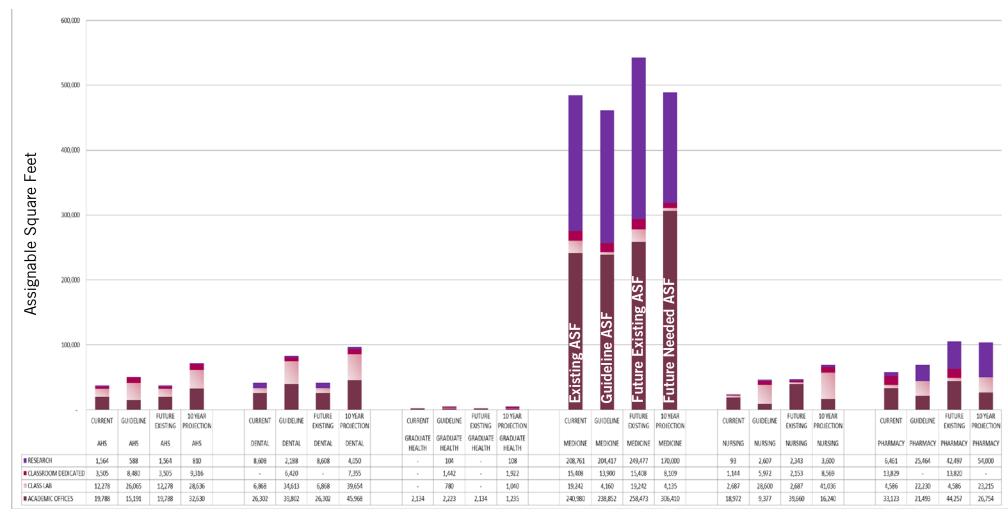


FUTURE FACILITY NEEDS



Total Projected Space Need: Total Sub-Standard Space Proposed for Demolition: Net Total Space increase: 574,872 ASF 430,382 ASF 144,490 ASF

FUTURE COLLEGE NEEDS

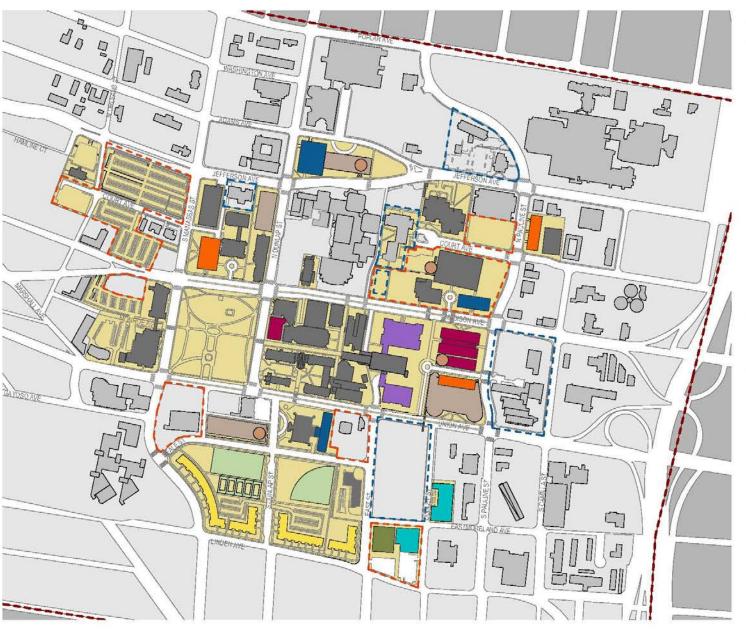


College of Health Professions College of Dentistry College of Graduate Health Sciences College of Medicine

College of Nursing College of Pharmacy

FUTURE CAMPUS PRIORITIES

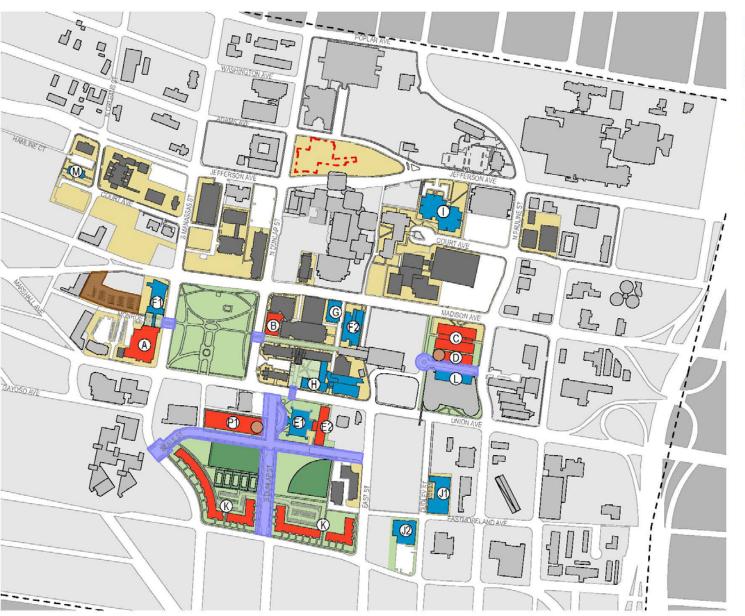
Academic Offices / Teaching Labsins	sufficient space and scattered sites
Research Labsma	tch peers and opportunities
Clinicsins	ufficient space for growing programs
Partnersflex	cible adjacencies for GMP / initiatives
Administrative Officesreq	uired when poor space is demolished
Dining / Auxiliary Servicesins	ufficient space, amenities, locations
Student Support / Wellnessins	ufficient and outdated space
Facility Supportins	ufficient space for growing enterprise



PROPOSED FACILITIES

LEGEND

- EXISTING UTHSC BLDG
- ACADEMIC .
- RESEARCH
- CLINICAL
- ADMINISTRATIVE /
 STUDENT SUPPORT
- FACILITY SUPPORT
- HOUSING
- REC SPORTS FACILITIES
- GMP.
- PARKING STRUCTURE
- POTENTIAL UTILITY PLANT
- -- MASTER PLAN BOUNDARY
- -- INSTITUTIONAL PARTNERSHIPS
- MULTI PURPOSE EXPANSION



PHASE 1

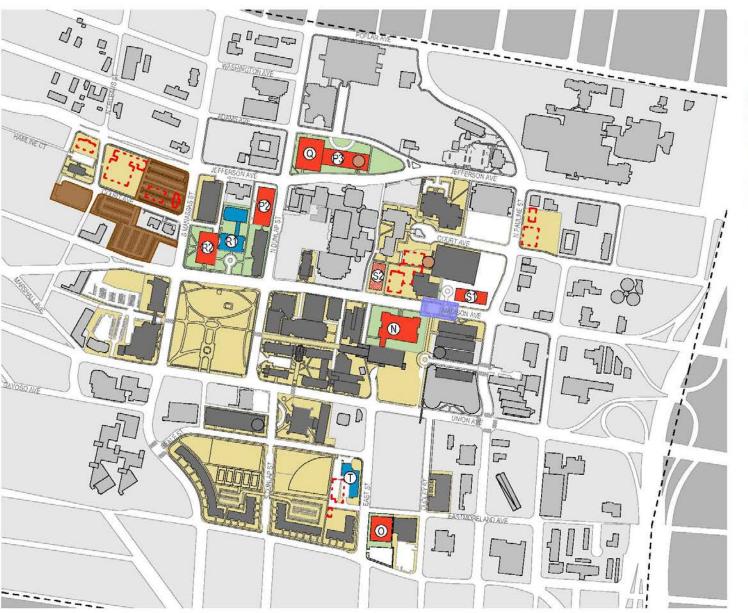
within 5 years

- DEMOLITION
- NEW CONSTRUCTION
- RENOVATION
- STREETSCAPE
- IMPROVEMENTS
 SURFACE PARKING
- OPEN SPACE/ SITE
- IMPROVEMENTS
- RECREATION FIELDS

 POTENTIAL UTILITY PLANT







PHASE 2 5-10 years

DEMOLITION

NEW CONSTRUCTION

RENOVATION

STREETSCAPE IMPROVEMENTS

SURFACE PARKING

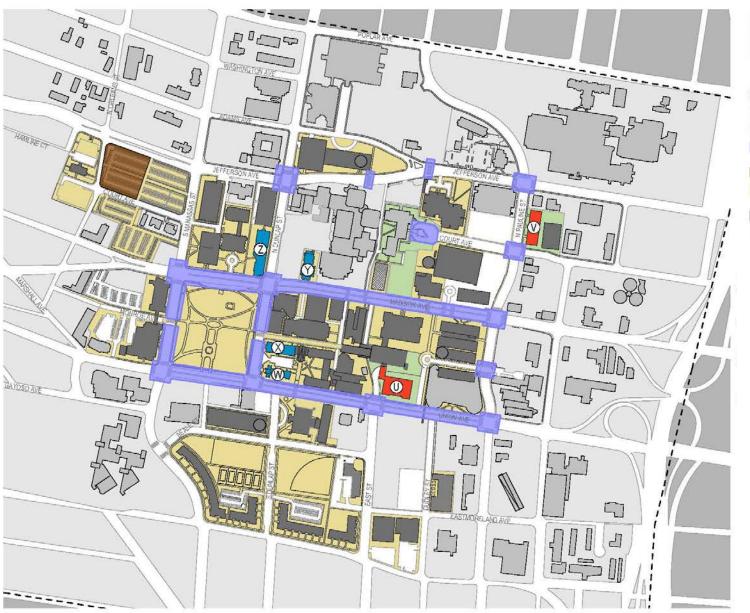
OPEN SPACE/ SITE IMPROVEMENTS

RECREATION FIELDS

POTENTIAL UTILITY PLANT







PHASE 3 beyond 10 years

DEMOLITION

NEW CONSTRUCTION

RENOVATION

STREETSCAPE

IMPROVEMENTS

IMPROVEMENTS
SURFACE PARKING

OPEN SPACE/ SITE

IMPROVEMENTS

RECREATION FIELDS

O POTENTIAL UTILITY PLANT







