



THE UNIVERSITY OF
TENNESSEE
HEALTH SCIENCE CENTER.

Advisory Board Meeting

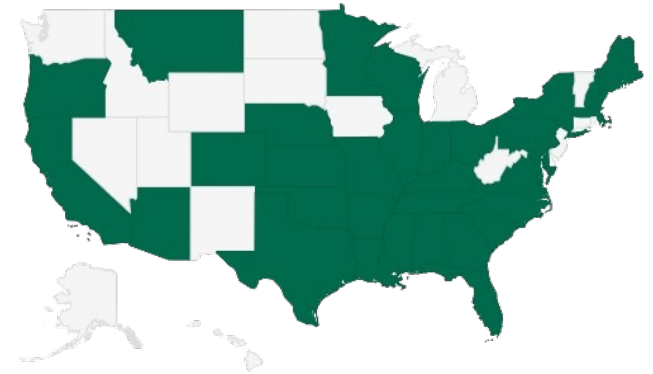
May 10, 2024
11:00 am

Chancellor's Report

Giving Day 2024 Recap

By the Numbers

- Surpassed donor goal of 1,000 with **1,155** donors gifting **\$664,850**
115.5% over goal
- Donors increased 12.2% from 2023
- Offline dollars increased 15.8% from 2023
- 100% giving from Advisory Board-**THANK YOU!**



Donors represented 33 States

New Elements Introduced in 2024

Solar eclipse mailer and pre-Giving Day solar eclipse event in conjunction with UT Health Science Center HR team



Student events in Nashville, Knoxville, and Chattanooga



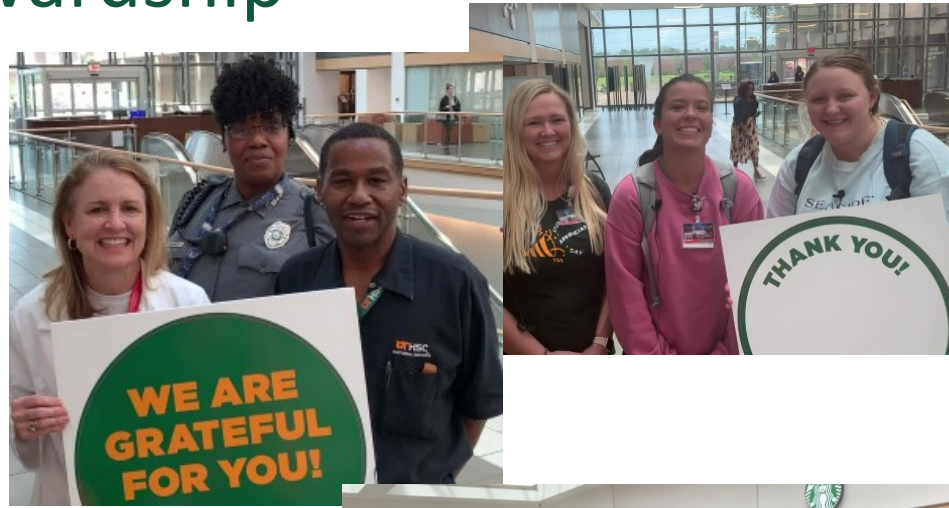
Partnered with Student Appreciation Day on Memphis campus



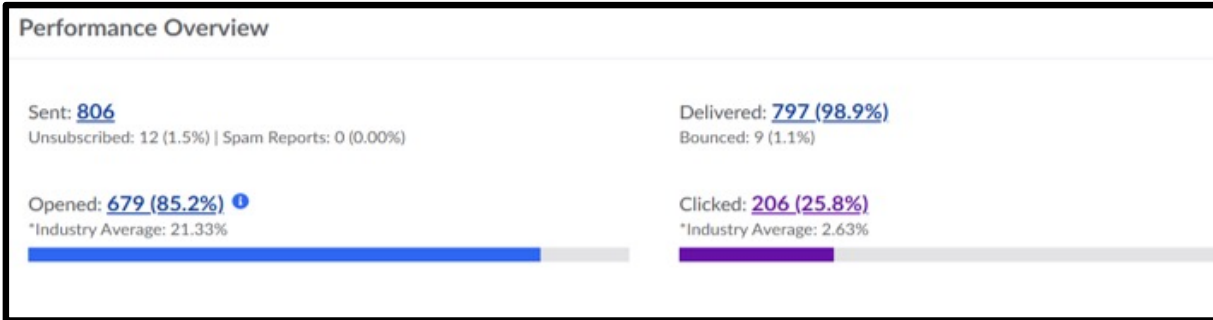
Stewardship



New initiative launched May 1st



ThankView Open Statistics for Giving Day



Giving Day Forward Strategies

Utilize Giving Day as a marketing opportunity

UT Health Science Center is a philanthropic destination!

Elevate volunteer council and board giving to 100% following Advisory Board leadership

Reinforce Giving Day as external; Family Campaign as internal

Deepen the culture of philanthropy

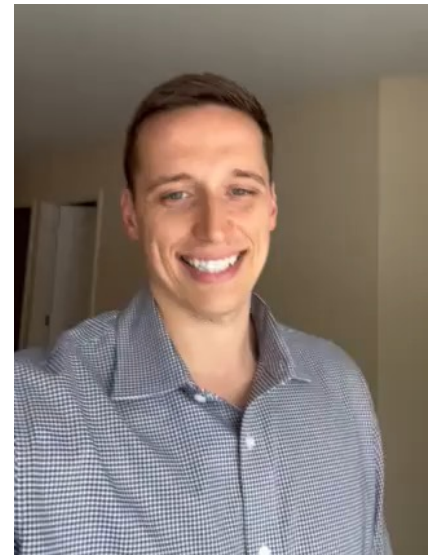
Promote new campus scholarship initiative

Highlight the importance of strong personal asks

- Travis Brannon Memorial Scholarship Endowment
- Meyer-Phillips Resident Educational Fund

Continue to celebrate!

All dollars go to support “Healthy Tennesseans. Thriving Communities.”



Sam Rice, M4



Caitlin Clark
Director of Annual Giving
Giving Day Lead



Cherisa Lewis
Senior Director of
Advancement Services
Data & Reporting Lead



Karen Skahan
Associate Director of
Donor Relations & Development
Stewardship Lead

FY225 (AY24-25) Fee Summary and Changes

Presented to the UT Health Science Center Advisory Board

May 10, 2024

Summary of Changes

- **Mandatory Fees**
 - No changes
- **Student Health Insurance Premiums**
 - Cost has increased from prior year
- **Nursing**
 - Adding several fees that have traditionally been out-of-pocket expenses to their students.
- **Dentistry**
 - Adding *Spring* Dental Kits to allow all kits to be provided through fees rather than out-of-pocket.
- **Other**
 - Medicine, Pharmacy, and Health Professions either did not change or reflected a net decrease.

UT Health Science Center

Mandatory Fees – No Changes

	FY 2023-24	FY 2024-25	CHANGE	
			Amount	Percent
IN-STATE AND OUT-OF-STATE				
Student Programs and Services Fee (SPSF)				
Student Activity	\$ 26	\$ 26	\$ -	0.0%
Campus Recreation	40	40	\$ -	0.0%
Campus Improvement	50	50	\$ -	0.0%
Simulation Center Equipment Fee	300	300	\$ -	0.0%
Debt Service	54	54	\$ -	0.0%
Computer Based Testing Fee	50	50	\$ -	0.0%
Health Services	200	200	\$ -	0.0%
Counseling	280	280	\$ -	0.0%
Total Student Programs and Services Fee (SPSF)	\$ 1,000	\$ 1,000	\$ -	0.0%
Other Mandatory Fees				
Technology	\$ 240	\$ 240	\$ -	0.0%
Graduation/Yearbook	50	50	\$ -	0.0%
Total Other Fees	\$ 1,290	\$ 1,290	\$ -	0.0%

UT Health Science Center

Other Fees - Insurance

	FY 2023-24	FY 2024-25	CHANGE	
			Amount	Percent
Health Insurance	\$ 3,414	\$ 3,662	248	7.3%
Disability Insurance	48	48	-	0.0%
Malpractice Insurance				
Medicine				
Class of 2027 and 2028	22	22	-	0.0%
Class of 2025 and 2026	35	35	-	0.0%
Pharmacy	10	10	-	0.0%
Nursing	10	10	-	0.0%
Health Professions	10	10	-	0.0%
Dentistry	17	17	-	0.0%
Total Insurance Fees	\$ 3,566	\$ 3,814	\$ 248	7.0%

College of Nursing

Other Fees

	FY 2023-24	FY 2024-25	CHANGE	
			Amount	Percent
Other Fees - Nursing				
CON Pre-Licensure Digital Course Materials Fee-1st Term	700	700	-	0%
CON Pre-Licensure Digital Course Materials Fee-2nd Term	700	700	-	0%
CON Pre-Licensure Digital Course Materials Fee-3rd Term	700	700	-	0%
CON DNP Digital Course Materials Fee	275	315	40	15%
CON Nursing Kit	350	350	-	0%
CON Board Review Fee	315	315	-	0%
Total Other Fees - Current	\$ 7,353	\$ 7,641	\$ 288	4%
CON DNP - AGACNP - Nursing Kit Fee - Years 1 - 3	-	60	60	-
CON DNP - AGACNP - Digital Materials - 1st Year	-	110	110	-
CON DNP - AGACNP - Equipment Fee - 1st Year	-	380	380	-
CON DNP - PPCNP & FNP - Digital Materials Fee - 2nd Year	-	150	150	-
CON DNP - PMH - Review Course Fee - 3rd Year	-	150	150	-
CON DNP - PACNP - Review Course Fee - 3rd Year	-	200	200	-
CON DNP - FNP - Review Course Fee - 2nd Year	-	300	300	-
CON DNP - NNP - Review Course Fee - 3rd Year	-	700	700	-
CON DNP - NMW - Review Course Fee - 3rd Year	-	1,000	1,000	-
CON DNP - CRNA - Review Course Fee - 3rd Year	-	1,680	1,680	-
Total Other Fees - New	\$ -	\$ 4,730	\$ 4,730	-

Requesting 10 new fees. In each case, these represent current-out-of-pocket expenses that are being transitioned to fees. This allows students to include these expenses in their financial aid packages. Fees only charged in "Year(s)" indicated.

College of Dentistry

Other Fees

	FY 2023-24	FY 2024-25	CHANGE	
			Amount	Percent
Other Fees - Dentistry				
Dentistry Student Government	60	60	-	0%
Laboratory and Clinical Utilization Fee	4,800	5,400	600	13%
Graduate Endodontics Clinical Utilization Fee	12,750	12,750	-	0%
Graduate Orthodontics Clinical Utilization Fee	7,000	7,000	-	0%
COD Dental Kit Fee D1 Class - Fall	7,687	6,369	(1,318)	-17%
COD Dental Kit Fee D2 Class - Fall	8,368	8,860	492	6%
COD Dental Kit Fee D3 Class - Fall	4,873	4,605	(268)	-5%
COD Dental Kit Fee D4 Class - Fall	665	985	320	48%
COD Dental Hygiene Kit - Fall	3,351	4,694	1,343	40%
Total Other Fees - Current	\$ 49,554	\$ 50,723	\$ 1,169	2%
COD Dental Kit Fee D1 Class - Spring	-	5,844	5,844	-
COD Dental Kit Fee D2 Class - Spring	-	1,338	1,338	-
COD Dental Kit Fee D3 Class - Spring	-	-	-	-
COD Dental Kit Fee D4 Class - Spring	-	156	156	-
COD Dental Hygiene Kit - Spring	-	4,694	4,694	-
Total Other Fees - New	\$ -	\$ 12,032	\$ 12,032	-

Adding the Spring portion of the Dental Kits. Last year, only Fall kits were approved. This additional fee allows all dental kits to be captured through fees rather than the students having to pay for some out-of-pocket. Does not impact cost-of-attendance.

College of Health Professions, Medicine & Pharmacy

Other Fees

	FY 2023-24	FY 2024-25	CHANGE	
			Amount	Percent
Other Fees - Health Professions				
CHP OT Board Review Fee	150	150	-	0.0%
CHP OT Media Fee	150	150	-	0.0%
CHP DPT Student Resource Fee	200	200	-	0.0%
Total Other Fees - Current	\$ 700	\$ 8,810	\$ 8,110	-
Other Fees - Medicine				
Step 1 Exam Prep Fee	120	190	70	58.3%
COM PA Digital Course Materials Fee	48	-	(48)	-100.0%
COM PA Medical Equipment Fee	476	90	(386)	-81.1%
COM PA Board Review Fee	268	460	192	71.6%
COM Student Resource Fee	450	450	-	0.0%
Total Other Fees - Current	\$ 1,362	\$ 1,190	\$ (172)	-13%
Other Fees - Pharmacy				
Pre-Naplex Exam Fee-4th Year all in Fall Semester (or 3rd for IMPACT)	80	125	45	56.3%
MTM Certificate Fee-3rd Year all in Fall Semester	125	-	(125)	-100.0%
COP Board Review Fee	175	225	50	28.6%
COP Accelerated Pharmacy Pathway Fee	2,500	2,500	-	0.0%
COP Immunization Certificate Fee	150	150	-	0.0%
Total Other Fees - Current	\$ 3,030	\$ 3,000	\$ (30)	-1%

Commitments Going Forward

Transparency

- Ensure fee proposals are vetted through the appropriate bodies of the UT Health Science Center and respective college.

Streamlining

- Simplify our fee structure where we can and ensure charges are easy to understand.

Benchmarking

- Better understand how UT Health Science Center compares to our peer institutions.

Questions?

FY 2025 Budget Proposal

Presented to the UT Health Science Center Advisory Board
May 10, 2024

UT Health Science Center

FY 2024 Total Base Budget

Fund Group	FY24 Original	FY24 Probable	Change \$	Change %
Unrestricted Educational & General (E&G) Funds	\$ 351,696,402	\$ 360,440,227	\$ 8,743,825	2%
Unrestricted Auxiliaries	4,109,816	4,125,312	15,496	0%
Subtotal: Unrestricted	\$ 355,806,218	\$ 364,565,539	\$ 8,759,321	2%
Restricted Funds	320,603,970	320,603,970	-	0%
Total Revenues	\$ 676,410,188	\$ 685,169,509	\$ 8,759,321	1%

UT Health Science Center

FY 2025 Total Base Budget – Proposed

Fund Group	FY24 Probable	FY25 Proposed	Change \$	Change %
Unrestricted Educational & General (E&G) Funds	\$ 360,440,227	\$ 370,248,181	\$ 9,807,954	3%
Unrestricted Auxiliaries	4,125,312	4,125,312	-	0%
Subtotal: Unrestricted	\$ 364,565,539	\$ 374,373,493	\$ 9,807,954	3%
Restricted Funds	320,603,970	322,067,910	1,463,940	0%
Total Revenues	\$ 685,169,509	\$ 696,441,403	\$ 11,271,894	2%

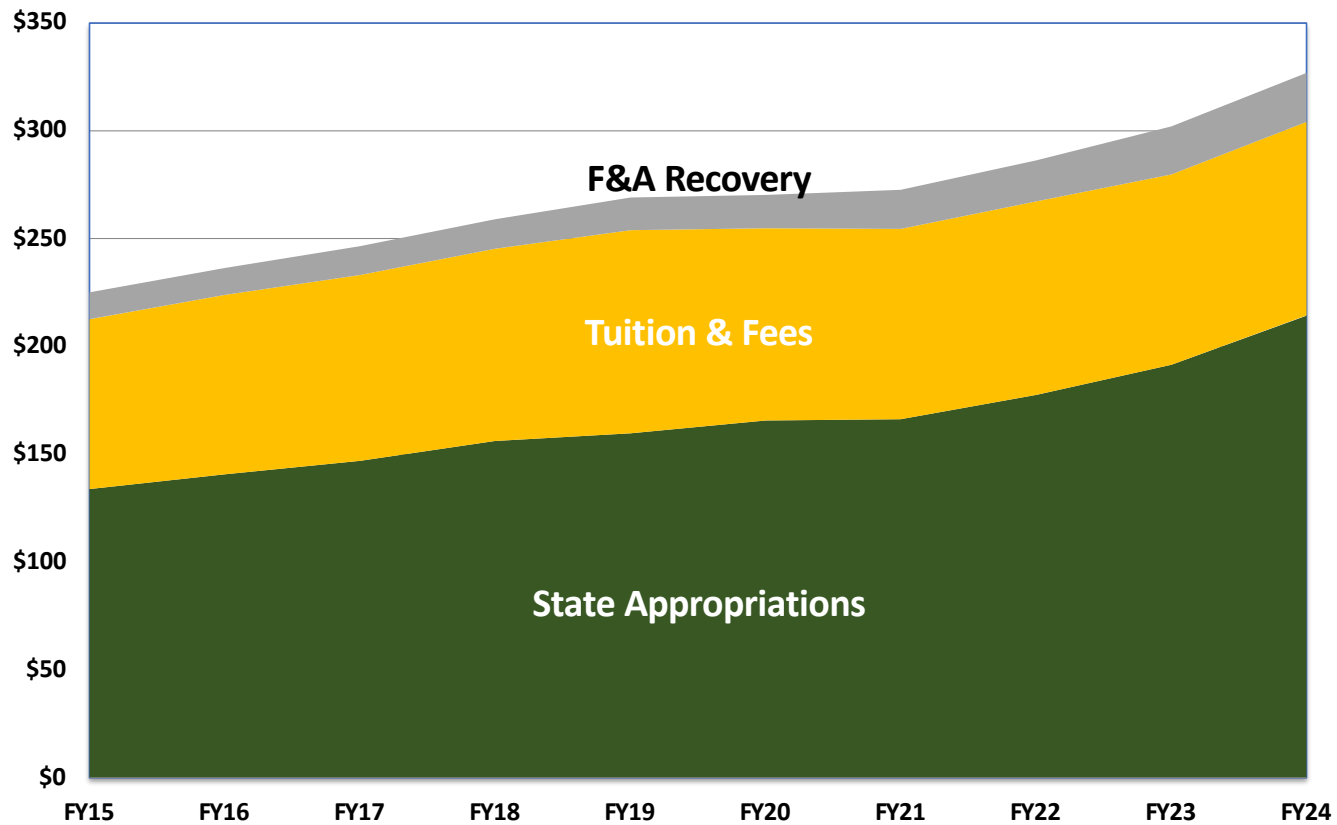
UT Health Science Center

FY25 Proposed Educational and General (E&G) Base Budget Summary

Revenues	FY 2023-24		FY 2024-25	
	Probable Budget	Proposed Budget	Change \$	Change %
Tuition & Fees	\$ 92,718,335	\$ 95,847,476	\$ 3,129,141	3%
State Appropriations	216,642,624	226,324,724	\$ 9,682,100	4%
Grants & Contracts	26,194,319	25,609,721	\$ (584,598)	-2%
Sales & Service	23,079,531	21,710,224	\$ (1,369,307)	-6%
Other Sources	1,805,418	756,036	\$ (1,049,382)	-58%
Total Revenues	\$ 360,440,227	\$ 370,248,181	\$ 9,807,954	3%

Expenditures & Transfers	FY 2023-24		FY 2024-25	
	Probable Budget	Proposed Budget	Change \$	Change %
Total Expenses	\$ 347,376,923	\$ 357,297,954	\$ 9,921,031	3%
Total Transfers	13,063,304	\$ 12,950,227	\$ (113,077)	-1%
Total Expenditures & Transfers	\$ 360,440,227	\$ 370,248,181	\$ 9,807,954	3%

Summary of Major Revenues



FY2025 Budget Strategy

Goals:

1. Build Transparency Around Our Finances
2. Establish an Engaging and Collaborative Budget Process
3. Balance the Budget
4. Invest in Our Future

Planning and Budget Council (PBC)

GOALS

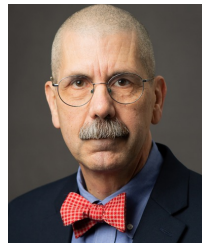
Develop broad appreciation for UT Health Science Center finances
Recommend actions to balance the E&G budget for FY25



Raaj Kurapati
Operations and Finance
Chair



Dr. Cindy Russell
AFSA



Dr. Wesley Byerly
Research



Dr. G. Nick Verne
Medicine



Dr. Wendy Likes
Nursing



Mike Ebbs
Financial Strategy



George Ninan
Financial Operations



Dr. Reggie Frye
Pharmacy



Dr. Ken Tilashalski
Dentistry



PJ Koltnow
Faculty Senate



Dr. Kristi Forman
Staff Representative



Dr. Charlie Snyder
Student Success



Melisa Moore
General Counsel



Andrew Roberts
Financial Planning

Balancing the Budget

PBC Recommended Actions to Balance the Budget

Expense Management

- Exploring & implementing operational efficiencies
- 3.5% base budget across-the-board pullback (Internal Budget Realignment)
- 20% Carryforward balance pullback (Carryforward - unspent balances from prior years)

Revenue Generation

- Operations & Maintenance formula-funding (under consideration by the State)
- F&A rate increase proposal (F&A – Facilities and Administrative cost reimbursements)
- A 2.9% across-the-board tuition increase (Approved by the Advisory Board in March 2024)

Tuition Proposal

Recommending a 2.9% Across-the-Board Tuition Increase

- Planning and Budget Council approved a recommendation to bring this to the Advisory Board at their February 16, 2024 meeting
- UT Health Science Center Advisory Board approved at the Special Meeting held on March 22, 2024
- Budgeted to yield approximately \$1,250,000 in net new revenue

Use of Funds

- \$1M to be used for Unrestricted Scholarships and leveraged to raise philanthropic dollars to support our Access and Engagement efforts
- Funds **over** \$1M to be used to address budget gap

Summary of Fee Changes

Mandatory Fees (Only Mandatory Fees require Board Approval)

- No changes

Student Health Insurance Premiums

- Cost has increased from prior year by \$248. Was down \$475 in prior year.

Nursing

- Adding several fees that have traditionally been out-of-pocket expenses to their students.

Dentistry

- Adding *Spring* Dental Kits to allow all kits to be provided through fees rather than out-of-pocket.

Other

- Medicine, Pharmacy, and Health Professions either did not change or reflected a net decrease.

Balancing the Budget

Summary of Actions

Recurring Funds	Original Estimate	New Estimate	Variance
Operations & Finance Reorganization	\$ 1,000,000	\$ 1,000,000	\$ -
THEC (new) Formula Funding	\$ 1,500,000	\$ 720,000	\$ (780,000)
Tuition Increase (2.9% ATB)	\$ 2,500,000	\$ 1,250,000	\$ (1,250,000)
Base Budget Pullback (3.5%)	\$ 5,500,000	\$ 6,750,000	\$ 1,250,000
F&A Rate Increase	\$ 1,000,000	\$ -	\$ (1,000,000)
Total Recurring	\$ 11,500,000	\$ 9,720,000	\$ (1,780,000)
Non-Recurring Funds	Original Estimate	New Estimate	Variance
Carryforward Pullbacks	\$ 4,000,000	\$ 7,000,000	\$ 3,000,000
Total Non-Recurring	\$ 4,000,000	\$ 7,000,000	\$ 3,000,000
Grand Total	\$ 15,500,000	\$ 16,720,000	\$ 1,220,000

Balancing the Budget

Investments to Balance the Budget (\$14M)

Base Budget Adjustments

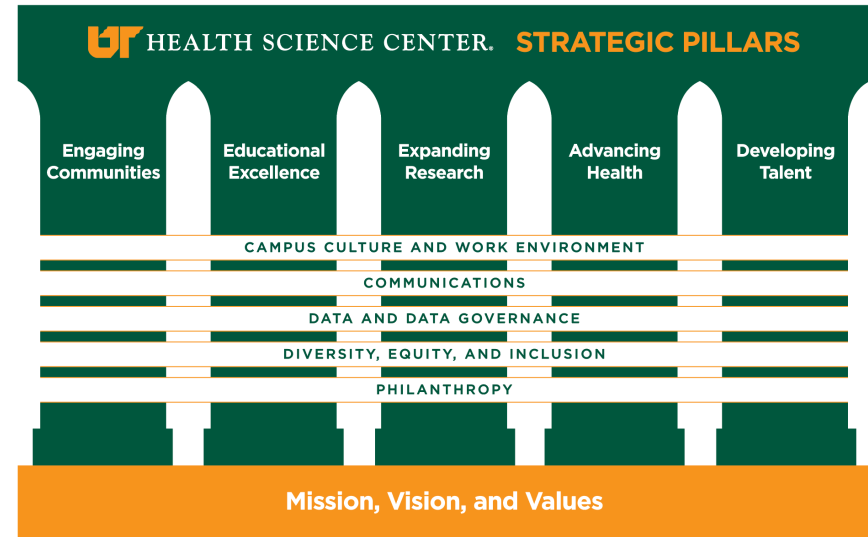
- Maintenance & Repair (\$3M)
- Safety & Emergency Management (\$1M)
- Staff Benefits Pool (\$2.5M)
- Utilities Costs (\$2M)
- Fee Waivers (\$1.5M)
- System IT Support (\$1M)
- Institutional Memberships (\$500K)
- Debt Service (\$1M)

One-Time Support

- Forensic Center (\$500K)
- Plough Center (\$500K)
- Food Service (\$250K)
- Bookstore (\$250K)

OUR INSPIRATION

UTHSC'S Signature Pillars



Investments to move the Strategic Plan & Vision Forward

Pillar 1: Engaging Communities

- Increasing funding of need-based scholarships
 - **\$1M** - UT Health Science Center Investment
 - *Leveraging internal investment to spur new philanthropic giving*
- Through partnership with the City of Kingsport, building out the new Dental Clinic
 - **\$6.5M** - State of Tennessee Investment

Pillar 2: Educational Excellence

- Fostering growth in Nursing (BSN, CRNA and Nurse Exec) and Health Professions (Path A Program)
 - **\$450K** - UT Health Science Center Investment
- Created the Office of Wellness
 - **\$300K** - **UT System \$150K**, UT Health Science Center \$150K
- Fund a competitive start-up package to recruit a high-level Dean of Medicine
- Investment in Basic Science Educators
 - **\$360K** - UT Health Science Center / Healthy Smiles (State)

Investments to move the Strategic Plan & Vision Forward

Pillar 3: Expanding Research

- Fund a competitive start-up package to recruit a high-level VC for Research

Pillar 5: Developing Talent

- Funding a 3% across-the-board increase for eligible faculty and staff
 - **\$6.5M** - UT Health Science Center - State Support
- Committed to funding faculty promotions
 - **\$300K** - UT Health Science Center - State Support
- Fully funding increases in health insurance premiums
 - **\$2.1M** - State Support

Other Investments

- Funding for System Charge Increase
 - **\$270K** - UT Health Science Center Investment

- Slate Client Relationship Management Software
 - **\$150K** - UT Health Science Center Investment

- Communications and Marketing Operating Budget
 - **\$100K** - UT Health Science Center Investment

- Additional investments will be considered through PBC based on funding availability

Investments in our Facilities

Committed Major Capital Projects:

- Gross Anatomy Lab
 - **\$29.6M** - State Support and UT Health Science Center
- NASH Atrium & 3rd Floor Renovation
 - **\$34M**
- Holiday Inn Demolition
 - **\$20M** - State and UT Health Science Center
- Jefferson Renovation
 - **\$11.5M**
- Parking Fencing and Upgrades
 - **\$1.5M** - UT Health Science Center
- Preventive Medicine Relocation
 - **\$500K** - UT Health Science Center Investment
- Library Investment
 - **\$250K** - UT Health Science Center Investment
- Other repair and maintenance investments based on needs

Future Projects (Capital Outlay):

- College of Medicine Building
 - **\$300M** - UT Health Science Center and State Support
- Coleman Renovation
 - **\$50M** - UT Health Science Center and State Support
- Parking Upgrades
 - **\$20M** - UT Health Science Center (Auxiliary/P3)

Summary of FY25 Budget Actions

FY25 Operating Investments:

- Balancing the Budget - **\$14M** (Internal Reallocations)
- Compensation - **\$6.8M** (State Support)
 - 3% Across the Board Raise - **6.5M**
 - Faculty Promotions - **\$300K**
- Health Insurance Premium Increases
 - **\$2.1M** (State Support)
- Academic Investments
 - Unrestricted Scholarships - **\$1M** (UT Health Science Center)
 - Faculty and other support - **\$960K** (Internal Reallocations)
- Operating Investments
 - System Charges - **\$270K** (Internal Reallocations)
 - Other - **\$250K** (Internal Reallocations)

Operating Investments:

- **Balancing the Budget - \$14M**
- **New Investments - \$11.38M**
- **Total = \$25.38M**

FY25 Capital Investments (new):

- Gross Anatomy Lab
 - **\$29.6M** (State Support)
- Coleman Renovation
 - **\$11.5M** (State Support)
- Preventive Medicine Relocation
 - **\$500K** (UT Health Science Center)
- Parking Security – Fencing
 - **\$1.5M** (UT Health Science Center Auxiliaries)
- Health Sciences Library
 - **\$250K** (UT Health Science Center)

Capital Investments

- **Total = \$43.35M**

Proposed Action Items

We Request and Recommend the Advisory Board's Approval of the Proposed Budget for FY2025

- Approval of the proposed Operating Budget of \$696,441,403

Proposed Current Operating Fund Budgets

Fund Group	Revenues	Expenditures & Transfers
Unrestricted Educational & General (E&G) Funds	\$ 370,248,181	\$ 370,248,181
Unrestricted Auxiliary Funds	4,125,312	4,125,312
Subtotal: Unrestricted Funds	\$ 374,373,493	\$ 374,373,493
Restricted Funds	322,067,910	322,067,910
Total Current Operating Funds	\$ 696,441,403	\$ 696,441,403

Questions?

Legislative Session Summary

The Evidence is In: Rapid Whole Genome Sequencing is the New Standard of Care for Acutely Ill Infants and Children

Faster diagnosis. Comprehensive answers. Reduced healthcare expenses.

May 10, 2024

Terri H Finkel MD PhD

Professor and Associate Chair, Department of Pediatrics, UTHSC

Vice-Chair, Clinical Affairs, Le Bonheur Children's Hospital

Faculty Liaison, St. Jude Children's Research Hospital

Endowed Chair, Children's Foundation of Memphis









Fitz

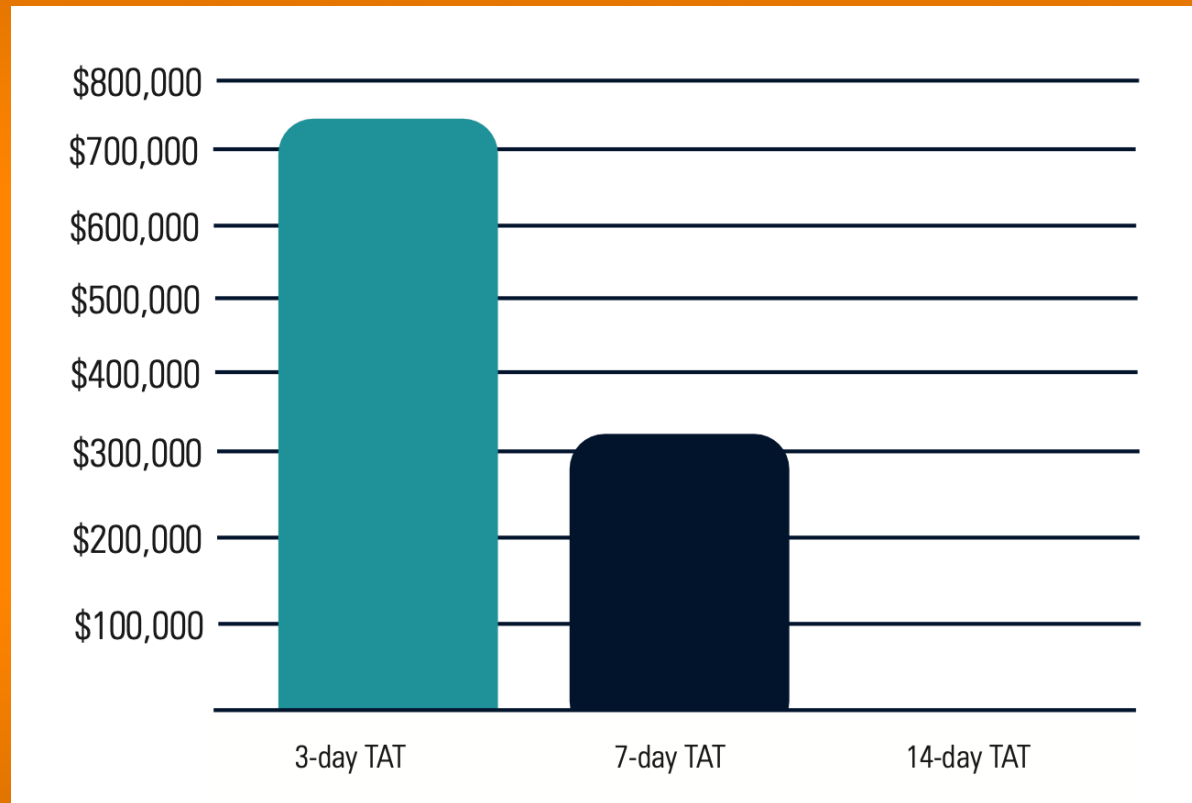
Diagnosed by urWGS with Artemis deficient Severe Combined Immunodeficiency (SCID) at 1 week

- Fitz appeared perfectly healthy at birth. But just 36 hours after returning home from the hospital, his parents received a call notifying them the state newborn screening test showed Fitz has severe combined immunodeficiency (SCID). Fitz was promptly admitted to RCHSD for additional investigation.
- After just three days, urWGS identified Fitz had a specific type of immunodeficiency called Artemis-deficient SCID (ART-SCID), one of about 20 variations of the disorder. This precise diagnosis allowed Fitz to qualify for a gene therapy clinical trial.
- Fitz spent four months at UCSF Benioff Children's Hospital in San Francisco. Doctors extracted his stem cells, injected them with a corrected copy of the affected SCID gene, and infused the cells back into Fitz's body. The new cells provide instructions needed for his body to develop a healthy immune system.
- Fitz's gene therapy treatment was successful and his immune system rebounded.
- This medical science trailblazer is now an active, happy and curious big brother. He will continue to be part of the UCSD trial until he is 15-years-old.



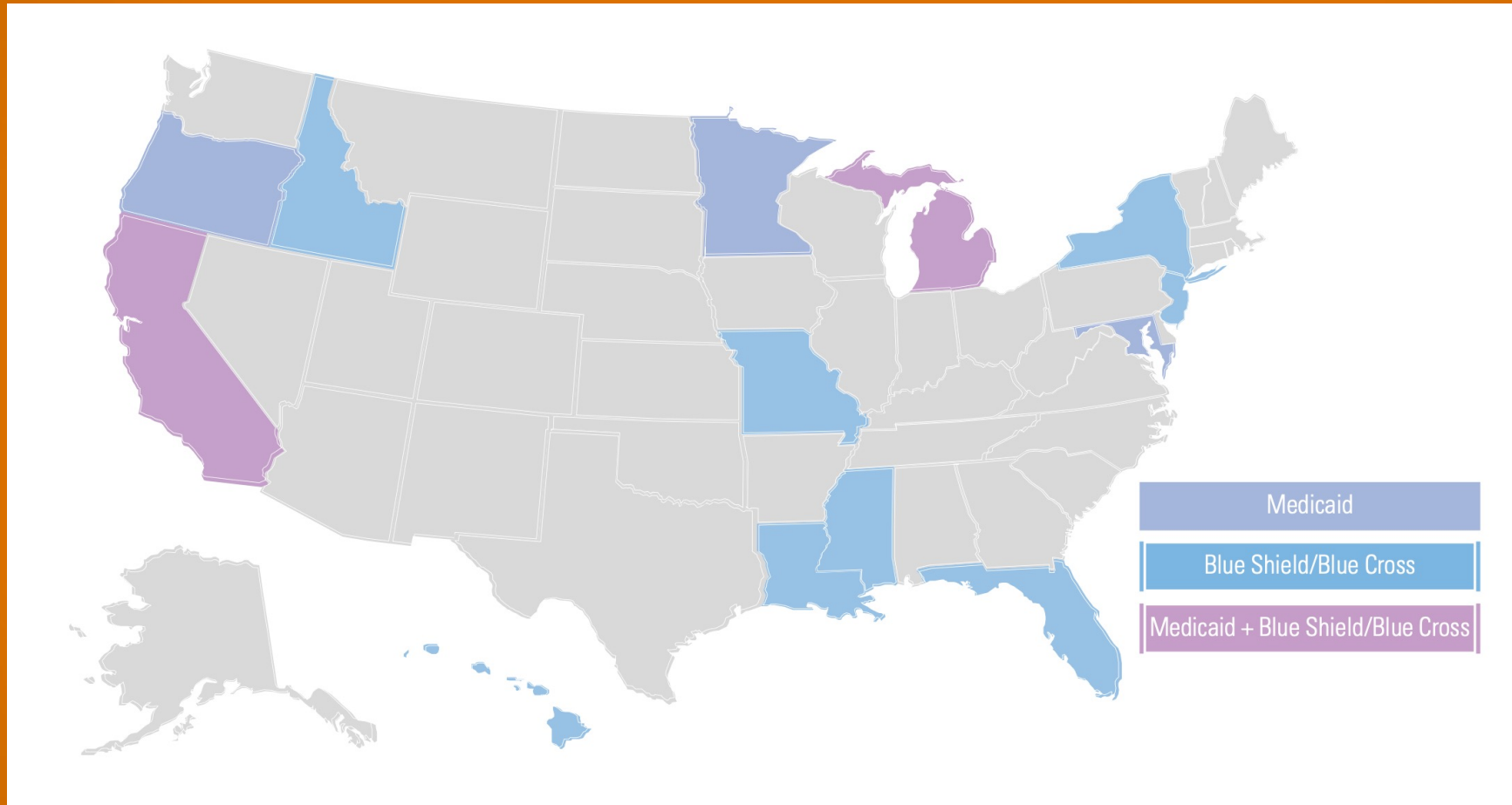


Rapid Whole Genomic Sequencing (rWGS) leads to decreased cost



Employing a rWGS test with a 3-day turnaround time (TAT) has the potential to reduce the length of hospital stays and minimize additional procedures, saving on total healthcare costs.³

Public and Commercial insurance coverage of rWGS in 2024



References

1. Dimmock DP, Clark MM, Gaughran M, et al. An RCT of Rapid Genomic Sequencing among Seriously Ill Infants Results in High Clinical Utility, Changes in Management, and Low Perceived Harm. *Am J Hum Genet.* 2020;107(5):942-952. doi:10.1016/j.ajhg.2020.10.003
2. Cakici JA, Dimmock DP, Caylor SA, et al. A Prospective Study of Parental Perceptions of Rapid Whole-Genome and -Exome Sequencing among Seriously Ill Infants. *Am J Hum Genet.* 2020;107(5):953-962. doi:10.1016/j.ajhg.2020.10.004
3. Rady Children's Hospital-San Diego. PBB-Final-Report_07.14.20. Project Baby Bear Final Report. https://radygenomics.org/wp-content/uploads/2020/07/PBB-Final-Report_07.14.20.pdf. Accessed December 12, 2020.
4. Kingsmore SF, Cakici JA, Clark MM, et al. A Randomized, Controlled Trial of the Analytic and Diagnostic Performance of Singleton and Trio, Rapid Genome and Exome Sequencing in Ill Infants. *Am J Hum Genet.* 2019;105(4):719-733. doi:10.1016/j.ajhg.2019.08.009
5. Clark MM, Hildreth A, Batalov S, et al. Diagnosis of genetic diseases in seriously ill children by rapid whole-genome sequencing and automated phenotyping and interpretation. *Sci Transl Med.* 2019;11(489):eaat6177. doi:10.1126/scitranslmed.aat6177
6. Petrikin JE, Cakici JA, Clark MM, et al. The NSIGHT1-randomized controlled trial: rapid whole-genome sequencing for accelerated etiologic diagnosis in critically ill infants. *NPJ Genom Med.* 2018;3:6. Published 2018 Feb 9. doi:10.1038/s41525-018-0045-8
7. French CE, Delon I, Dolling H, et al. Whole genome sequencing reveals that genetic conditions are frequent in intensively ill children. *Intensive Care Med.* 2019;45(5):627-636. doi:10.1007/s00134-019-05552-x
8. Sanford EF, Clark MM, Farnaes L, et al. Rapid Whole Genome Sequencing Has Clinical Utility in Children in the PICU. *Pediatr Crit Care Med.* 2019;20(11):1007-1020. doi:10.1097/PCC.0000000000002056
9. Mestek-Boukhibar L, Clement E, Jones WD, et al. Rapid Paediatric Sequencing (RaPS): comprehensive real-life workflow for rapid diagnosis of critically ill children. *J Med Genet.* 2018;55(11):721-728. doi:10.1136/jmedgenet-2018-105396
10. Wang H, Lu Y, Dong X, et al. Optimized trio genome sequencing (OTGS) as a first-tier genetic test in critically ill infants: practice in China. *Hum Genet.* 2020;139(4):473-482. doi:10.1007/s00439-019-02103-8
11. Saunders CJ, Miller NA, Soden SE, et al. Rapid whole-genome sequencing for genetic disease diagnosis in neonatal intensive care units. *Sci Transl Med.* 2012;4(154):154ra135. doi:10.1126/scitranslmed.3004041
12. Soden SE, Saunders CJ, Willig LK, et al. Effectiveness of exome and genome sequencing guided by acuity of illness for diagnosis of neurodevelopmental disorders. *Sci Transl Med.* 2014;6(265):265ra168. doi:10.1126/scitranslmed.3010076

13. Willig LK, Petrikin JE, Smith LD, et al. Whole-genome sequencing for identification of Mendelian disorders in critically ill infants: a retrospective analysis of diagnostic and clinical findings. *Lancet Respir Med*. 2015;3(5):377-387. doi:10.1016/S2213-2600(15)00139-3
14. Bertoli-Avella AM, Beetz C, Ameziane N, et al. Successful application of genome sequencing in a diagnostic setting: 1007 index cases from a clinically heterogeneous cohort [published online ahead of print, 2020 Aug 28]. *Eur J Hum Genet*. 2020;10.1038/s41431-020-00713-9. doi:10.1038/s41431-020-00713-9
15. Farnaes L, Hildreth A, Sweeney NM, et al. Rapid whole-genome sequencing decreases infant morbidity and cost of hospitalization. *NPJ Genom Med*. 2018;3:10. Published 2018 Apr 4. doi:10.1038/s41525-018-0049-4
16. Nicklaus Children's Hospital. Project Baby Manatee. Final Report-State Appropriations-NCH PMI. Advanced Genomics for Critically Ill Children Final Report. <https://www.nicklauschildrens.org/NCH/media/docs/pdf/research/Final-report-State-Appropriations-NCH-PMI.PDF>. Accessed December 18, 2020.
17. Blue Cross Blue Shield Florida. Medical Coverage Guideline 05-82000-28 Genetic Testing Revised 11-2020. <http://mcgs.bcbsfl.com/MCG?activity=openSearchedDocMcg&imgId=75S9IY62221SMDF1KH>. Accessed January 22, 2021.
18. Blue Cross Blue Shield Hawaii. Medical Policy MM.02.035 Whole Exome and Whole Genome sequencing for Diagnosis of Genetic Disorders. <https://prc.hmsa.com/s/article/Whole-Exome-and-Whole-Genome-Sequencing-for-Diagnosis-of-Genetic-Disorders?r=435&ui-knowledge-components-aura-actions.KnowledgeArticleVersionCreateDraftFromOnlineAction.createDraftFromOnlineArticle=1DraftFromOnlineAction.createDraftFromOnlineArticle=1>. Accessed January 22, 2021.
19. Blue Cross of Idaho. Medical Policy MP 2.04.102 Whole Exome and Whole Genome Sequencing for Diagnosis of Genetic Disorders. https://providers.bcidaho.com/resources/pdfs/medical-management/Medical%20Policy%20PDF/2%20-%20Med/02.04.102_06-20-20.pdf. Accessed January 22, 2021.
20. Priority Health Michigan. Medical Policy 91540-R16 Genetics: Counseling, Testing, Screening. <https://www.priorityhealth.com/-/media/priorityhealth/documents/medical-policies/91540.pdf?la=en>. Accessed January 22, 2021.
21. Horizon Blue New Jersey. Medical Policy Number 094 Whole Exome and Whole Genome Sequencing for Diagnosis of Genetic Disorders. <https://www.horizonblue.com/providers/policies-procedures/policies/medical-policies/detail/dac88083-74b7-7488-37d6-2209a0452261>. Accessed January 22, 2021.
22. Blue Shield of California. Medical Policy 2.04.102 Whole Exome and Whole Genome Sequencing for Diagnosis of Genetic Disorders. www.blueshieldca.com/bsca/bsc/public/common/PortalComponents/provider/StreamDocumentServlet?fileName=PRV_WholeExome_Sequen.pdf. Accessed December 12, 2020.
23. Department of Health Care Services. Genetic-Testing-Numbered-Letter-Revised 03-0158. www.dhcs.ca.gov/services/ccs/Documents/Genetic-Testing-Numbered-Letter-Revised.pdf. Accessed December 12, 2020.

Other Business Feedback and Discussion

Lunch: Mooney Library Hallway
Next Meeting: August 9, 2024

