







December 2022 Academic, Research and Student Success Committee Meeting

Schedule	Friday, December 9, 2022 8:30 AM — 9:00 AM CST
Venue	Schiedt Family Performing Arts Center - Concert Hall (Room 1123)
Organizer	Sparkle Burns

Agenda

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1. Call to Order and Opening Remarks

Presented by David Kemme

2. Roll Call and Declaration of Quorum

Presented by Melanie Murry

3. Approval of Meeting Minutes for September 7, 2022

For Approval

Presented by David Kemme

University of Memphis Board of Trustees
Academic, Research and Student Success Committee Meeting
September 7, 2022
Meeting Minutes

Committee Membership:

Douglas Edwards, Committee Vice Chair
David Kemme, Committee Chair
Marvin Ellison
David North
Carol Roberts
Marissa Clark, Student Trustee, Non-voting Member
Interim Provost, Abby Parrill, Ex-Officio, Non-voting Member
Vice President for Research, Jasbir Dhaliwal, Ex-Officio, Non-voting Member
Vice President for Student Academic Success, Karen Weddle-West, Ex-Officio, Non-voting Member

Agenda Item 1: Call to Order and Opening Remarks

Chairman Edwards welcomed the committee and remarked that the September meeting is his favorite meeting of the year because of new faces on campus, new student excitement and new traditions, like seeing our president's flawless run through the fountain.

Chairman Edwards introduced our two newest trustees: Marissa Clark, our student trustee, who replaced Celeste Riley and David McKinney, who replaced Brad Martin. David McKinney is vice president of communications and public affairs for AutoZone and is a graduate of both the Fogelman College of Business & Economics and the Cecil C. Humphreys School of Law. David will be joining our Audit Committee and be part of our ARSS Committee. Chairman Edwards remarked that we will be welcoming a new vice provost, three new deans and four interim deans and wish them all great success in their new roles. He also added that we join with our neighbors in grieving the loss of the life of Eliza Fletcher. Her positive spirit will live on. We ask that everyone keep Liza and her family and their thoughts and prayers.

Chairman Edwards turned the meeting over to Chair Kemme. Chair Kemme called the meeting to order and asked Secretary Murry to call roll.

Agenda Item 2: Roll Call and Declaration of Quorum

Secretary Melanie Murry called roll and announced the presence of a quorum.

Trustees in attendance:

Trustee Roberts
Trustee Clark
Trustee North
Trustee Kemme
Trustee Edwards
Trustee McKinney

Additional trustees in attendance but not part of this committee:

Trustee Johnson
Trustee Springfield

Agenda Item 3: Approval of Meeting Minutes from June 1, 2022 (Approval)

Chair Kemme called the committee meeting to order and asked if there were any questions or discussion regarding the minutes from the June 1st meeting. Trustee Roberts moved that the

minutes be approved, and it was properly seconded. A voice vote was called, and the motion carried.

Agenda Item 4: Revised Institutional Mission Statement (Approval)

Chair Kemme recognized Provost Parrill to discuss the revised Institutional Mission statement.

Provost Parrill stated that the Institutional Mission statement was approved in March and, when it was submitted to THEC, an error was identified. The number of academic programs was incorrect. We took the opportunity to revise the statement and make it more qualitative and descriptive. We believe the revised statement better captures the University of Memphis and will be easier to revise in the future with only the approximate number of degrees as the remaining number in that institutional mission profile.

We are recommending that this be approved so it can be submitted to THEC by the September 27th deadline.

Chair Kemme called for a motion to approve the revised Institutional Mission Statement. Trustee Edwards moved and the motion was properly seconded. A voice vote was called, and the motion carried.

Agenda Item 5: Tenure and Academic Freedom (Approval)

Chair Kemme recognized Provost Parrill to discuss the Tenure and Academic Freedom policy.

Provost Parrill commented the information submitted is relevant for the Board of Trustees policy on academic freedom and tenure. She stated that the information retained the description of academic freedom, the definition of tenure, the criteria for tenure and the post tenure review mechanism. The process will likely be edited, and by editing the process this keeps the board policy at a very high level.

Chair Kemme asked for questions or discussion. There were none. Chair Kemme asked for a motion to approve the Tenure and Academic Freedom policy. Trustee Roberts moved and the motion was properly seconded. A voice vote was called, and the motion carried.

Agenda Item 6: Tenure Upon Appointment – Okenwa Okoli (Approval)

Chair Kemme recognized Provost Parrill to discuss Tenure Upon Appointment as professor for Dr. Okenwa Okoli, incoming dean for Herff College of Engineering, effective January 1, 2023.

Provost Parrill stated that Dr. Okoli was recruited from the joint engineering program between Florida, Atlantic, FAMU and FSU. He comes to us with exceptional credentials, an exceptional record of research and external funding for his research and leadership of his unit. We are looking forward to him joining us in January and recommend tenure upon appointment.

Chair Kemme asked for questions or discussion. Chairman Edwards complimented Provost Parrill on the hire. He also stated by having the new dean in place the University has an opportunity to help the city as it builds out the region with Ford Motor Company and Blue Oval City.

Chair Kemme asked for any additional questions or discussion. Chair Kemme called for a motion to approve Tenure Upon Appointment as professor for Dr. Okenwa Okoli, incoming dean for Herff College of Engineering, effective January 1, 2023.

Chair Kemme asked for a motion to approve. The motion was moved Chairman Edwards and properly seconded. A voice vote was called, and the motion carried.

Agenda Item 7: New Deans (Presentation)

Chair Kemme recognized Provost Parrill to discuss the three new deans. Provost Parrill named the four new deans:

- Dr. Ashish Joshi was named dean of the School of Public Health, effective August 1.
- Dr. Linda Haddad was named dean of the Loewenberg College of Nursing, effective August 1.
- Dr. Deborah Tollefsen, Vice Provost and Dean of the Graduate School, effective September 1.

Trustee Johnson complimented Provost Parrill on the significance of the hires in public health and nursing. He stated the recruitment of such outstanding individuals in public health and in nursing is tremendous.

Chair Kemme asked for questions or comments. This was a presentation. No action required.

Agenda Item 8: Interim Deans (Presentation)

Chair Kemme recognized Provost Parrill to discuss the interim deans. Provost Parrill named the interim deans:

- Dr. Greg Boller, Interim Dean, Fogelman College of Business & Economics, effective July 15.
- Dr. Ryan Fisher, Interim Dean, College of Communication & Fine Arts, effective July 25.
- Dr. Russell Deaton, Interim Dean, Herff College of Engineering, effective July 1.
- Dr. Gary Emmert, Interim Dean, College of Arts & Sciences, effective July 1.

Chair Kemme asked for questions or comments. This was a presentation. No action required.

Agenda Item 9: Research and Innovation Update (Presentation)

Chair Kemme recognized Dr. Jasbir Dhaliwal, Executive Vice President for Research & Innovation. Dr. Dhaliwal gave the annual report on research.

Chair Kemme asked for questions or comments. This was a presentation. No action required.

Agenda Item 10: R1 Challenge Update (Presentation)

Chair Kemme recognized Joanna Curtis, Vice President for Advancement. Ms. Curtis gave a presentation on the R1 Challenge update.

This was a presentation. No action required.

Agenda Item 11: Hooks Institute (Presentation)

Chair Kemme stated that the information for the Hooke's Institute was provided for information and there would be no presentation.

Agenda Item 12: Additional Business

Chair Kemme asked for any additional business. None provided.

Agenda Item 13: Adjournment

Chair Kemme called for a motion to adjourn. Trustee Roberts moved and the motion was properly seconded. Committee adjourned.

4. Doctor of Nursing Program

For Approval

Presented by Abby Parrill

The University of Memphis Board of Trustees

Recommendation

For Approval

Date: December 9, 2022

Committee: Academic, Research and Student Success Committee

Presentation: Approval of new academic program - Doctor of Nursing Practice (DNP)

Presented by: Dr. Linda Haddad, Dean, Loewenberg College of Nursing

Background:

Among the powers given to the Board of Trustees by the FOCUS Act is the power “to prescribe curricula and requirements for diplomas and degrees.” The University of Memphis has the authority to create new courses, terminate existing courses, determine course content or design, and carry out less extensive curriculum revisions. The Tennessee Higher Education Commission (THEC) must review and approve new academic programs, off-campus extensions of existing academic programs, new academic units (divisions, colleges, and schools), and new instructional locations as specified in THEC Policy No. A1:0: New Academic Programs – Approval Process and A1:1: New Academic Programs.

The Graduate School and LCON proposal for a Doctor of Nursing Practice (DNP) degree program addresses the regional and economic need for doctoral-prepared nurses and is driven by widely published documents from the American Association of Colleges of Nursing (AACN), American Organization for Nursing Leadership (AONL), the National Organization of Nurse Practitioner Faculties (NONPF), the National Task Force on Quality Nurse Practitioner Education (NTF), and the American Association of Colleges of Nursing (AACN). *Unitedly, these organizations posit that all advanced practice nursing graduates should hold a doctoral degree for entry into practice by the year 2025.*

LCON proposes to meet these requirements by offering a DNP program with three concentrations: advanced practice nurse/family nurse practitioner (DNP-FNP), educational leadership (DNP-EL), and leadership science (DNP-LS). The program will be designed with two points of entry, post-baccalaureate (licensed registered nurse) and post-master’s (advanced nursing specialty). The BOT approved the DNP Program in March 2017. At that time, the only Post-MSN to DNP concentration was Leadership Science (DNP-LS).

Committee Recommendation:

The Academics, Research & Student Success Committee recommends approval of the Doctor of Nursing Practice degree program as contained in the meeting materials and delegates authority to the provost to make any changes necessary to facilitate program approval by THEC.

Doctor of Nursing Practice (DNP) Program

Loewenberg College of Nursing

Linda Haddad, RN, PhD, FAAN
Dean, Loewenberg College of Nursing

December 9, 2022
Schiedt Family Performing Arts Center



DECEMBER 2022

Proposed DNP - Entry Level and Concentrations:

- Post-BSN to DNP
 - Advanced Practice Nurse: Family Nurse Practitioner (DNP-FNP)
 - Educational Leadership (DNP-EL)
 - Leadership Science (DNP-LS)

- Post-MSN to DNP
 - Generic
 - Advanced Practice Nurse: Family Nurse Practitioner (DNP-FNP)
 - Educational Leadership (DNP-EL)
 - * Leadership Science (DNP-LS)

DNP Curriculum Plan and Credit Hours

Post-MSN (Direct and Indirect) Entry (MSN to DNP)
DNP Program Core/Generic DNP**

DNP Core Courses		
NURS 8000	Theoretical Constructs for Advanced Nursing	3
NURS 8001	Healthcare Statistics for Advanced Nursing	3
NURS 8002	Science of Improvement	3
NURS 8003	Methods for Diverse Nursing Evaluation	3
NURS 8004	Healthcare Policy and Economics	3
NURS 8005	Health Populations and Systems Leadership	3
NURS 8100	DNP Immersion I	2-6*
NURS 8101	Management of Complex and Diverse Populations	3
NURS 8102	DNP Immersion II	1-5*
NURS 8103	Translational Inquiry and Informatics	3
NURS 8200	DNP Immersion III	2-6*
Total Program Credit Hours		29-41*
Total Program Clinical Hours		300-1020*



DNP Curriculum Plan and Credit Hours

Post-BSN Entry DNP (BSN to DNP) Family Nurse Practitioner Specialty

Advanced Nursing Core Courses		
NURS 7001	Healthcare Policy	3
NURS 7002	Advanced Nursing Research	3
NURS 7003	Advanced Role Development	3
NURS 8000	Theoretical Constructs for Advanced Nursing	3
NURS 8001	Healthcare Statistics for Advanced Nursing	3
NURS 8002	Science of Improvement	3
NURS 8003	Methods for Diverse Nursing Evaluation	3
NURS 8004	Health Policy and Economics	3
NURS 8005	Health Populations and Systems Leadership	3
NURS 8100	DNP Immersion I	2
NURS 8101	Management of Complex and Diverse Populations	3
NURS 8102	DNP Immersion II	1
NURS 8103	Translational Inquiry and Informatics	3
NURS 8200	DNP Immersion III	2
NURS 7101	Advanced Health Assessment	3
NURS 7102	Advanced Health Assessment Clinic/Lab	1
NURS 7107	Differential Diagnosis	2
NURS 7103	Advanced Pathophysiology	3
NURS 7104	Advanced Pharmacology	3
NURS 7601	FNP I (Women's Health)	3
NURS 7602	FNP I (Women's Health) Clinic	2
NURS 7603	FNP II (Adult Health)	3
NURS 7604	FNP II (Adult Health) Clinic	4
NURS 7605	FNP III (Pediatric Health)	3
NURS 7606	FNP III (Pediatric Health) Clinic	2
NURS 7609	FNP Practicum	4
Total Program Credit Hours		73
Total Program Clinical Hours		1080

Why Does UM/LCON Need a DNP Degree?

- The new American Associations of Colleges of nursing (AACN) 2021 Essentials (*The Essentials: Core Competencies for Professional Nursing Education*), provides for competencies at two levels of nursing education. This is a change from previous AACN Essentials that provided competencies at three levels (BSN, MSN, and DNP). The new Essentials levels include:
 - Entry-level – degree (**BSN**)
 - Advanced-level – Degree (**DNP**)
- National Organization of Nurse Practitioner (NONPF) is committed to move all entry-level nurse practitioner education to the DNP degree by 2025.
- Impact UofM research classification and budget. The Carnegie Classification® system rewards doctorates conferred in programs such as DNPs.

Why Does UM/LCON Need a DNP Degree (cont.)?

- LCON has strong infrastructure resources
- Meets the need for doctoral-prepared faculty in universities and health systems at local and state level
- Adds value to the public health infrastructure by preparing advanced practice registered nurses with a high-quality education
- Prepares diverse nurse educators and leaders across a multitude of healthcare settings
- The DNP program will be 100% online program
- The MS degree has low demand and a majority of Tennessee public and private programs have converted their MS programs to DNP programs

DNP Projected Tuition and Fees

Year	Academic Year	Tuition	Fees	Tuition and Fees
1	2024-2025*	\$843,552	\$41,760	\$885,312
2	2025-2026	\$1,724,555	\$83,700	\$1,808,255
3	2026-2027	\$2,392,124	\$116,100	\$2,508,224
4	2027-2028	\$2,952,141	\$143,280	\$3,095,421
5	2028-2029	\$3,107,907	\$150,840	\$3,258,747
6	2029-2030	\$3,252,547	\$157,860	\$3,410,407
7	2030-2031	\$3,367,518	\$163,440	\$3,530,958

DNP Projected Enrollments and Graduates

Year	Academic Year	Projected Total Fall Enrollment	Projected Attrition	Projected Graduates
1	2024-2025*	70	11	0
2	2025-2026	147	16	8
3	2026-2027	215	20	27
4	2027-2028	266	23	69
5	2028-2029	280	23	72
6	2029-2030	294	25	77
7	2030-2031	305	26	81

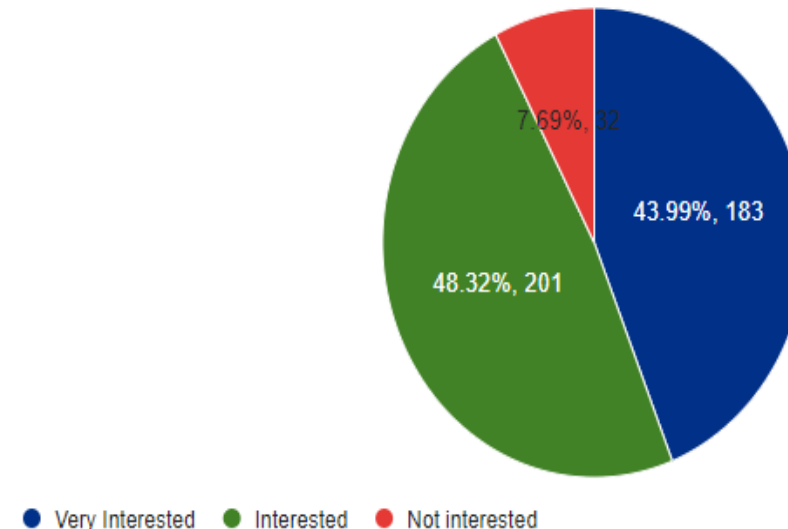
DNP Program Budget and Finance

Projected One-Time Expenditures								
Category	Planning	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Faculty & Instructional Staff	\$0	\$69,525	\$69,525	\$69,525	\$69,525	\$69,525	\$69,525	\$69,525
Accreditation	\$0	\$3,750	\$0	\$0	\$0	\$0	\$0	\$0
Total One-Time Expenditures	\$0	\$73,275	\$69,525	\$69,525	\$69,525	\$69,525	\$69,525	\$69,525
Projected Recurring Expenditures								
Category	Planning	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Faculty & Instructional Staff	\$0	\$434,752	\$447,795	\$461,228	\$475,065	\$706,693	\$727,894	\$749,731
Non-Instructional Staff	\$0	\$149,446	\$153,929	\$158,547	\$163,304	\$168,203	\$173,249	\$178,446
Marketing	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Travel	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Total Recurring Expenditures	\$11,500	\$595,698	\$613,224	\$631,276	\$649,869	\$886,396	\$912,643	\$939,677
Grand Total (One-Time and Recurring)	\$11,500	\$668,973	\$682,749	\$700,801	\$719,394	\$955,921	\$982,168	\$1,009,202
Projected Revenue								
Category	Planning	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Tuition	\$0	\$843,552	\$1,724,555	\$2,392,124	\$2,952,141	\$3,107,907	\$3,252,547	\$3,367,518

DNP Feasibility: Current Students Interest

- LCON conducted a survey to explore student interests in the proposed DNP program. We surveyed 1,000 UofM enrolled BSN and MSN students expected to graduate within the next 15 months.
- Nearly 45% of the students (N=450 responded to the survey) reported they would be “Very Interested” or “Interested” in pursuing a DNP degree within the subsequent two years.

Q2 - Please indicate your interest level in LCON offering a DNP program by selecting one of the options below.

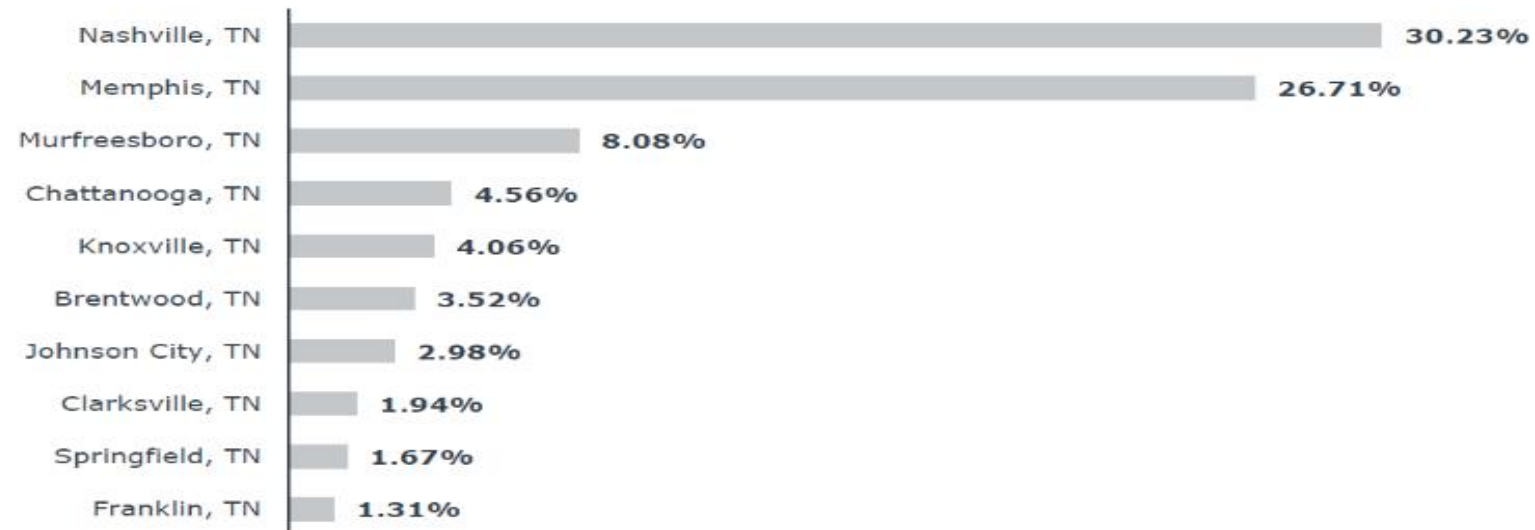


DNP Feasibility: State and Regional Recruitment*

Top Cities Seeking Doctoral-Level Nursing Practice Applicants

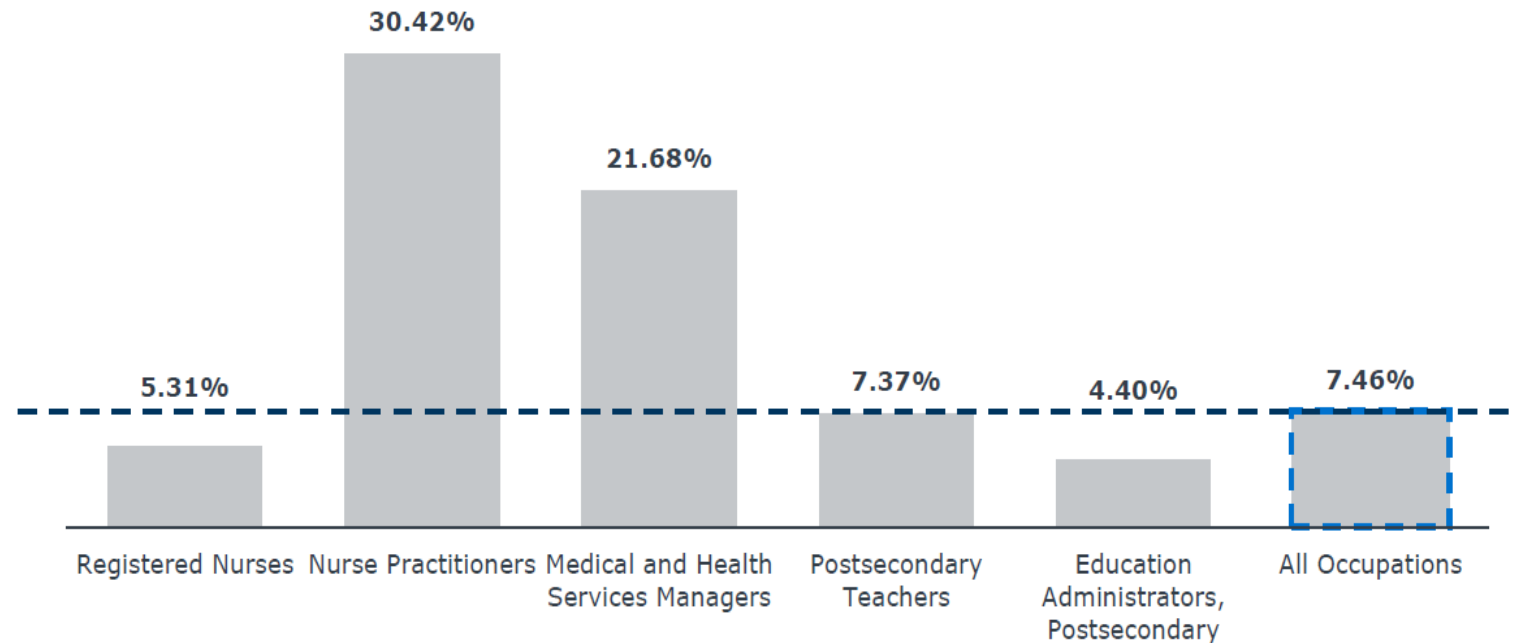
September 2021 - August 2022, Statewide Data

n = 2,216 job postings



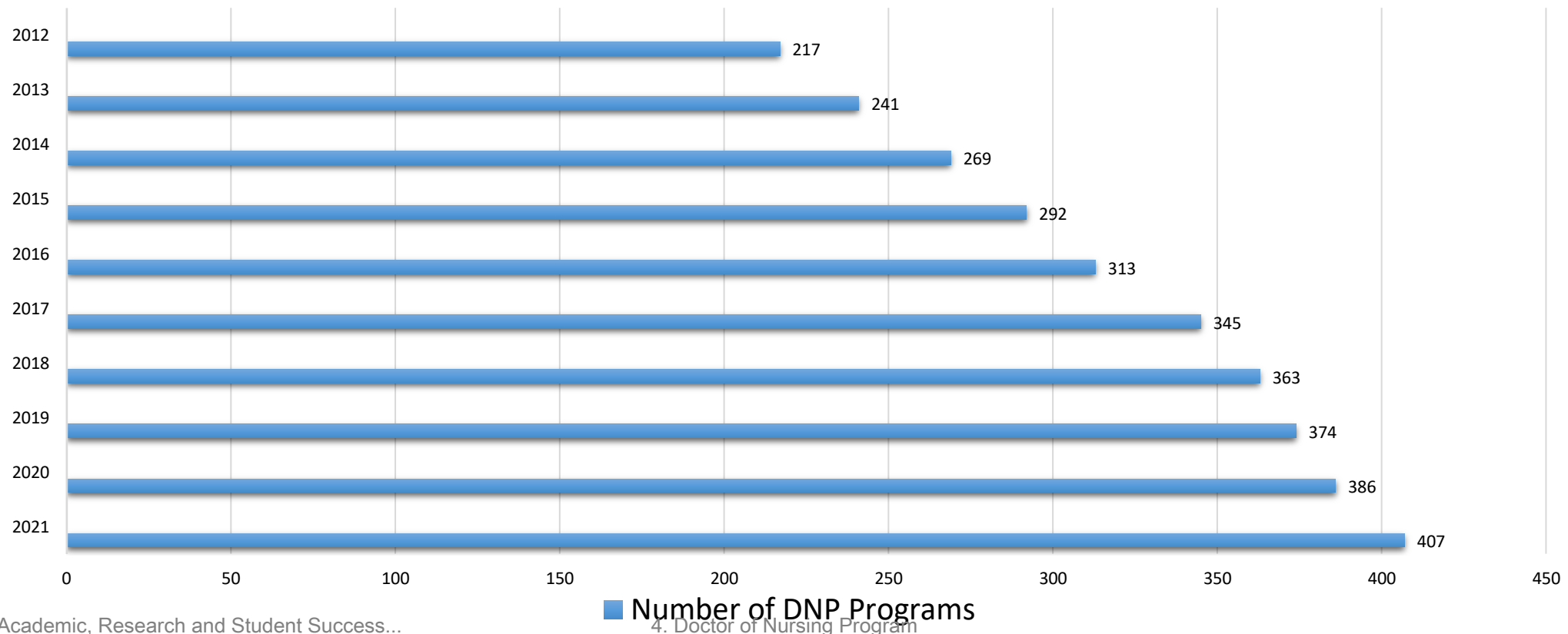
NP Projected Employment 2022-2032

Projected Employment in Top Occupations¹
 2022-2032, Statewide Data



*EAB© 2021 market analysis report

DNP Feasibility: National Growth in DNP Programs 2012-2021*



Examples of Support and Endorsements from Health Organizations

LCON is in receipt of support letters from the following partnered institutions:

- West Tennessee Hospital (Jackson)
- St. Jude Children's Research Hospital
- West Cancer Center
- Regional One Health
- Baptist Memorial Health Care

Questions?

5. Provost Update

Presentation

Presented by Abby Parrill

The University of Memphis Board of Trustees

Presentation
For Information

Date: December 9, 2022

Committee: Academic, Research and Student Success Committee

Presentation: Provost Updates

Presented by: Dr. Abby Parrill, Interim Provost

Background:

A brief report on academics, research, and student success will be provided.

6. Research and Innovation Update Report

Presented by Jasbir Dhaliwal

The University of Memphis Board of Trustees

Presentation
For Information

Date: December 9, 2022

Committee: Academic, Research and Student Success Committee

Presentation: Research and Innovation Update

Presented by: Dr. Jasbir Dhaliwal, Executive Vice President for Research and Innovation

Background:

Highlights of recent research awards received by the university and some details about a University Industry Cooperative Research Center (IUCRC) for which we have received a planning grant from the NSF.

Division of Research & Innovation Update

Academic Research and Student Success Committee

Dr. Jasbir Dhaliwal
Executive Vice President, Research & Innovation

December 9, 2022
Schiedt Family Performing Arts Center



DECEMBER 2022

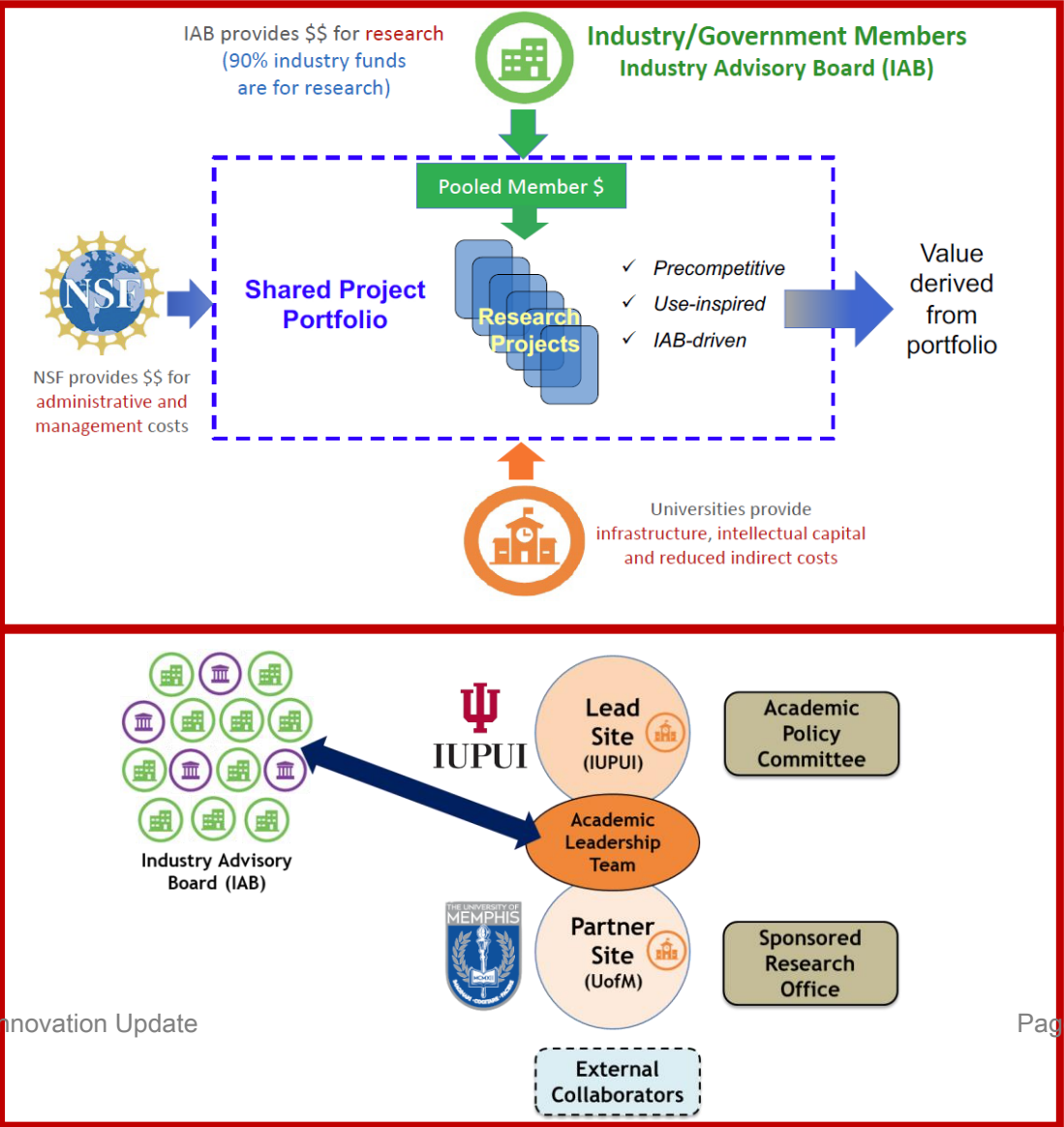
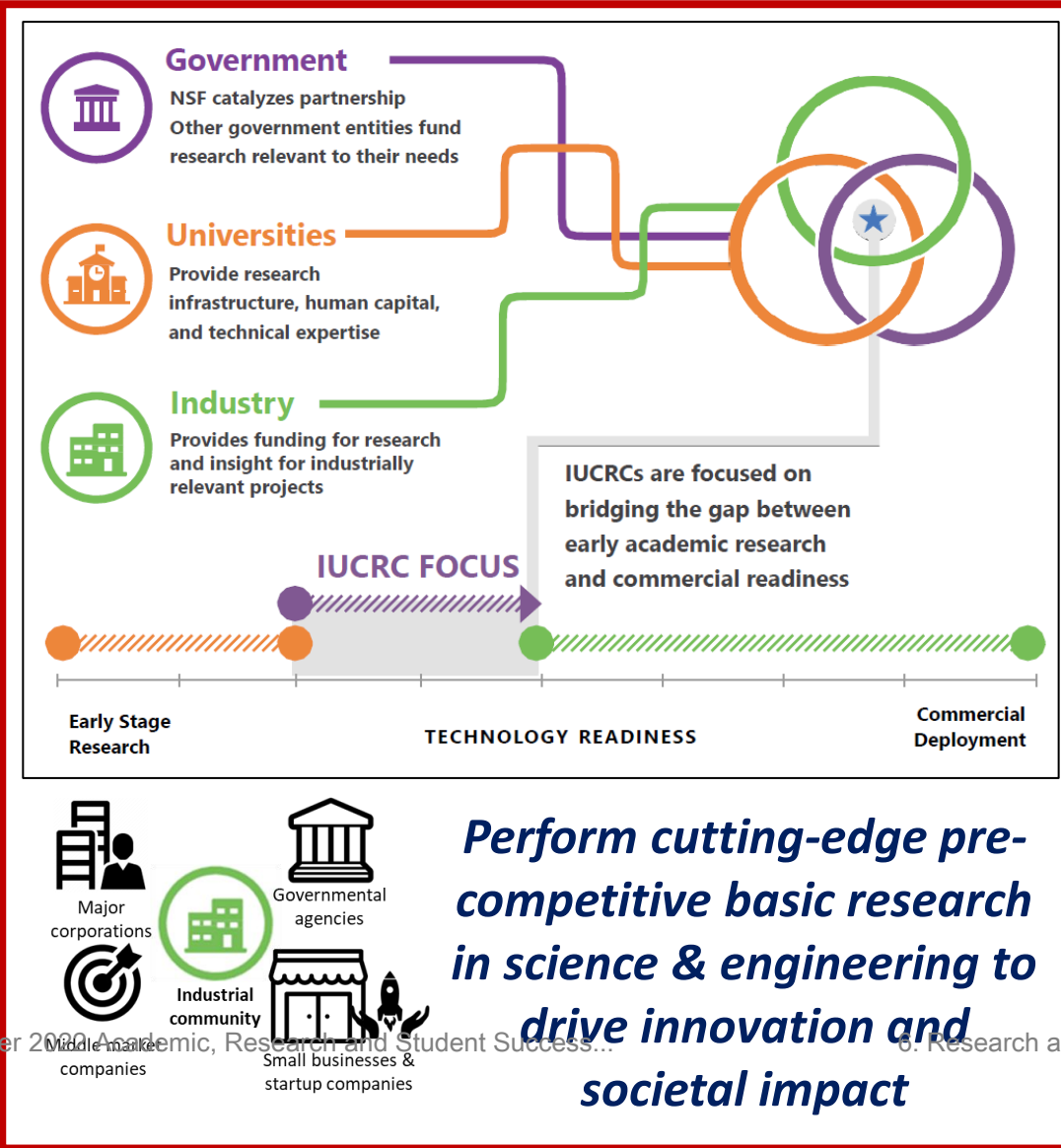
Recent Awards Highlights

Unveiling the Nature Of CID-42. The Best Candidate for a Gravitational Wave Recoiling Supermassive Black Hole	\$263,628	NASA	Muller Sanchez, Francisco
Change the Odds: A Multi-Platform Approach to Gambling Treatment	\$1,205,000	TDMHSAS	Whelan, James
Improving FedEx Supply Chain Demand Forecasting in Turbulent Environments	\$230,000	FedEx	Liang, Huigang
CAREER: From Slow to Fast, Micro to Macro, Single Events to Cascades: A Multi-scale Study of Seismic Event Triggering in Lab and Nature	\$219,965	NSF	Goebel, Thomas
High Energy Laser Targeting	\$406,825	Army Research Lab	Foti, Daniel
COVID-19 Health Disparities In Communities that are at High-risk and Underserved	\$448,872	CDC	Marian Levy
RESEARCH-PGR: Comparative Genomics of the Capitulum: Deciphering the Molecular Basis of a Key Floral Innovation	\$831,279	NSF	Mandel, Jennifer
University Technical Assistance Program (UTAP)	\$1,000,000	TDOT	Pezeshk, Shahram
Black Wealth Advancement through New Business and Knowledge (BANK) Development	\$1,400,393	EDA	Kraiger, Kurt
The Motivations and Experiences of Minority Arts Entrepreneurs	\$15,000	NEA	Hanson, Josef

IUCRC Preliminary Proposal Planning Grant at the University of Memphis: Center for Electrified and Autonomous Trucking (CEAT) ARSS

PI: Dr. Sabyasachee Mishra,
Professor, Herff College of Engineering (Civil)


What is IUCRC?



Center for Electrified and Autonomous Trucking (CEAT)

Mission: CEAT will address challenges faced by the freight, logistics and original equipment manufacturing related industries in the areas of electrification, autonomous operation, supply-chain and human factors through pre-competitive research.


Site 1




IUPUI


Indiana University - Purdue
University Indianapolis
Indianapolis, IN
46202


Site 2





University of Memphis
Memphis, TN
38152






Sabya Mishra
Civil / C-TIER



Mihalis Golias
Civil / C-TIER

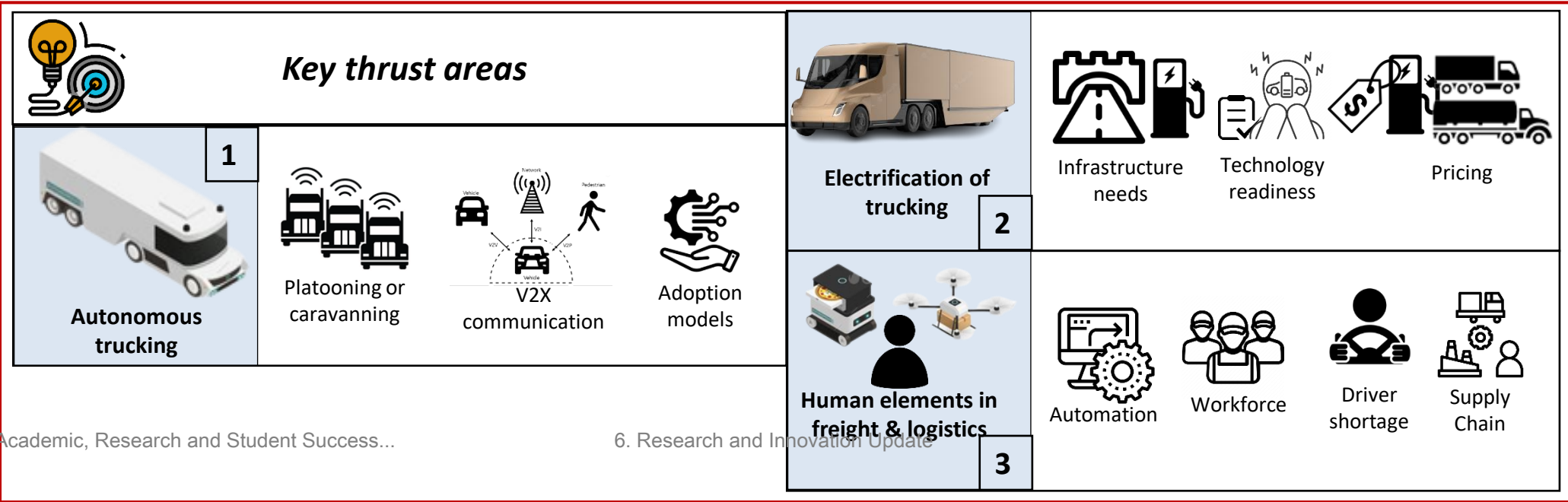

Mehdi Amini
Business/C-TIER


Hasan Ali
Electrical/C-TIER


Myounggyu Won
Computer Science/C-TIER


Alex Headley
Mechanical/C-TIER


Ishant Sharma
Industry Liaison Officer / C-TIER



Top candidate members and anticipated benefits

Appreciate Any Support in Engaging us with Industry Partners!



Leverage research dollars
Earn higher ROI when research is jointly funded.



Access to talent
Opportunity to mentor and train students to attain desired skills for work in your industry



Research cost avoidance
Internal research (access to facilities & lower human capital costs)



Access to IP
Gain royalty free, non-exclusive licenses on Intellectual Property produced in the center.



Access to network
Learn from interacting with center participants within your industry sector.



De-risk R&D
Share risk of early-stage research leading to disruptive business opportunities.

- IUCRC Program Funding Benefit: Every \$1 in member contributions leverages multiple of additional dollars in research funding.
- As per NSF, CEAT requires at least **SIX** Full members for a 2-University Center
 - Assume a Membership level of **\$50K** per member annually
 - Members total annual investment: **\$300K**
 - Universities subsidy on indirect costs capped at 10%: **\$100K**
 - NSF invests **\$300K**
 - Total Financial support : **\$700k** annually
 - Member's **\$50K** leverages **\$650k** annually
 - **ROI for members = 13:1**



ROI

Top candidate members



7. Additional Business

Presented by David Kemme

8. Adjournment

Presented by David Kemme