

NOTICE OF MEETINGS

Board meeting to be held at the
Claiborne Building
Louisiana Purchase Room
1201 N. 3rd Street, First Floor
Baton Rouge, Louisiana



*The meeting may begin later
contingent upon adjournment
of previous meeting. Meetings
may also convene up to 30
minutes prior to posted
schedule to facilitate business

BOARD OF REGENTS

P. O. Box 3677, Baton Rouge, Louisiana 70821-3677
Phone: (225) 342-4253 and FAX: (225) 342-9318

Board of Regents
Wednesday, April 27, 2022

Event	Time	Location
Board Development	9:00 a.m.	Iowa Room 1-153 Claiborne Building 1201 North Third Street, 1st Floor Baton Rouge, Louisiana
Louisiana Tuition Trust Authority (LATTA)	10:15 a.m.	Louisiana Purchase Room 1-100 Claiborne Building 1201 North Third Street, 1st Floor Baton Rouge, Louisiana
Committee Meetings Audit Legislative Academic and Student Affairs Research and Sponsored Initiatives Statewide Programs Planning, Research & Performance	10:30 a.m. 10:40 a.m. 10:55 a.m. 11:30 a.m. 11:45 a.m. 11:55 a.m.	Louisiana Purchase Room 1-100 Claiborne Building 1201 North Third Street, 1st Floor Baton Rouge, Louisiana
Board of Regents' Meeting **	12:30 p.m.	Louisiana Purchase Room 1-100 Claiborne Building, First Floor 1201 North Third Street Baton Rouge, Louisiana

If you plan to attend any meeting listed on this notice and need assistance at that time because you are disabled, please notify this office seven (7) days in advance and arrangements will be made to accommodate you.

INDIVIDUAL COMMITTEE AGENDAS MAY BE FOUND ON THE INTERNET AT – <https://regents.la.gov>

****Note:** The Board of Regents reserves the right to enter into Executive Session, if needed, in accordance with R.S. 42:11 *et seq.*

Collis B. Temple, III
Chair

Gary N. Solomon, Jr.
Vice Chair

Sonia A. Pérez
Secretary

Kim Hunter Reed, Ph.D.
Commissioner of
Higher Education



Blake R. David
Randy L. Ewing
Stephanie A. Finley
Robert W. Levy
Phillip R. May, Jr.
Charles R. McDonald
Darren G. Mire
Wilbert D. Pryor
T. Jay Seale, III
Terrie P. Sterling
Felix R. Weill
Judy A. Williams-Brown
Cameron T. Jackson, Student

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AGENDA
LOUISIANA TUITION TRUST AUTHORITY
Wednesday, April 27, 2022
10:15 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

- I. Call to Order
- II. Roll Call
- III. Public Comments
- IV. Approval of the Minutes
- V. Consent Agenda
 - A. Approval of Rulemaking – To add the START Saving Plan interest rates for the Principal Protection Plan and the Earnings Enhancement Fund for the 2021 calendar year.
- VI. Adjournment

LATTA Members: Dr. Kim Hunter Reed, Chair, Blake R. David, Sen. Cleo Fields, Randy L. Ewing, Stephanie A. Finley, Rachel Kincaid, Robert W. Levy, Phillip R. May, Jr., Charles R. McDonald, Rep. Buddy Mincey, Darren G. Mire, Sonia A. Pérez, Wilbert D. Pryor, T. Jay Seale III, Gary N. Solomon, Jr., Terrie P. Sterling, Collis B. Temple III, Felix R. Weill, Judy A. Williams-Brown, John Williams, Cameron T. Jackson, (*student member*)



*Student Tuition Assistance and Revenue Trust Program
Louisiana's 529 College Savings Program
A Program of the Board of Regents
602 North Fifth Street
Baton Rouge, LA 70802
(800) 259-5626 (225) 219-1012
www.startsaving.la.gov*

LOSFA

*Sujuan Boutte, Ed.D.
Executive Director*

ADVISORY BOARD

*Barrye Bailey
Dr. Amy Cable
MaryAnn Coleman
Stone Cox
Dr. Leroy Davis
Wendy Grubb
Dr. Jim Henderson
Kristi Lawson
Sharmain Lazard-Talbert
Amy Marix
Brooks Powell*

Louisiana Tuition Trust Authority

*Dr. Kim Hunter-Reed,
Commissioner of Higher
Education, Chair*

*Blake R. David
Randy Ewing
Sen. Cleo Fields
Stephanie A. Finley
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Terrie Sterling
Collis B. Temple III
Felix Weill
John Williams
Judy Williams-Brown
Cameron Jackosn, Student*

Minutes

Louisiana Tuition Trust Authority (LATTA) September 22, 2021

The Louisiana Tuition Trust Authority (LATTA) met on Wednesday, September 22, 2021, at 9 a.m. via Zoom Webinar and Conference Call due to efforts taken to mitigate the spread of COVID-19. Commissioner Reed called the meeting to order at 9 a.m., and the roll was called.

LATTA Members Present

Dr. Kim Hunter-Reed, Chair
Regent Blake David
Regent Stephanie Finley
Regent Robert Levy
Regent Charles McDonald
Regent Darren Mire
Regent T. Jay Seale
Regent Gary Solomon
Regent Terrie Sterling
Regent Collis Temple
Regent Chandler Vidrine
Regent Felix Weill
Regent Judy Williams-Brown

LATTA Members Absent

Ms. Rachel Kincaid
Regent Randy Ewing
Senator Cleo Fields
Regent Phillip May
Rep. Buddy Mincey
Regent Sonia Pérez
Regent Wilbert Pryor
Mr. John Williams

Staff Members Present

Dr. Sujuan Boutté
Rhonda Bridevaux
Robyn Lively

Thirteen members were present, which represented a quorum, and there was no public comment.

On motion of Regent McDonald, seconded by Regent Weill, the LATTA approved the minutes from the April 28, 2021 meeting.

Under the Consent Agenda, it was proposed that the LATTA approve the final rulemaking to amend Section 315 of the START Saving Program rules to add the applicable interest rates for the START Saving Program for the 2020 calendar year.

On motion of Regent McDonald, seconded by Regent Weill, the LATTA approved the Consent Agenda items.

There being no further business, on a motion of Regent David with a second by Regent Seale, the meeting adjourned at 9:03 am.

Agenda Item V.A.

Consent Agenda: Approval of Rulemaking

Rulemaking to amend Section 315 of the START Saving Program rules to add the applicable interest rates for the START Saving Program for the 2021 calendar year.

Background:

This rulemaking adds the interest rates to be applied to deposits in the START Saving Plan's principal protection option and to be applied for eligible Earnings Enhancements for the tax year ending December 31, 2021.

LSA-R.S. 17:3095E(2) requires the State Treasurer to determine and report to the Louisiana Tuition Trust Authority the total earnings and the rate of return achieved on deposits in the Louisiana Education Tuition and Savings Fund (the "Fund") and, based upon that report, the Authority, with the approval of the State Treasurer, shall establish the rate of interest to be applied to the accumulated funds in the START accounts of record and to credit the appropriate amount of interest earnings to each such account. LSA-R.S. 17:3093D(1)(f) requires the Authority to adopt rules that include the interest rates approved by the state treasurer to be paid on START Accounts of record at the close of each calendar year.

The compilation of quarterly reports received from the State Treasurer for the year ending December 31, 2021, indicate that on an average daily balance of deposits of \$347,945,900.64 the Fund earned \$3,369,624.72. Further, the compilation of quarterly reports of the State Treasurer indicates that the Savings Enhancement Fund, which contains the Earnings Enhancements annually appropriated by the state legislature, earned \$450,225.27 on an average daily balance of \$24,427,777.64. The State Treasurer has notified the Authority by letter dated February 2, 2022, that the approved, calculated interest rate for deposits was 0.97% and for Earnings Enhancements was 1.84%.

LOSFA Advisory Board Recommendation:

The LOSFA Advisory Board recommends that the Louisiana Tuition Trust Authority approve the rulemaking to amend Section 315 of the START Saving Program rules to add the applicable interest rates for the START Saving Program for the 2021 calendar year.

Collis B. Temple, III
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AGENDA

BOARD OF REGENTS*

Wednesday, April 27, 2022

12:30 p.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

Blake R. David
Randy L. Ewing
Stephanie A. Finley
Robert W. Levy
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Wilbert D. Pryor
T. Jay Seale, III
Terrie P. Sterling
Felix R. Weill

Judy A. Williams-Brown
Cameron T. Jackson, Student

- I. Call to Order
- II. Roll Call
- III. Public Comments
- IV. Approval of Minutes from March 23, 2022
- V. Chair's Comments
- VI. Reports and Recommendations of Standing Committees
 - A. Audit
 - B. Legislative
 - C. Academic and Student Affairs
 - D. Research and Sponsored Initiatives
 - E. Statewide Programs
 - F. Planning, Research and Performance
- VII. Reports and Recommendations by the Commissioner of Higher Education
- VIII. Other Business
- IX. Adjournment

*Note: The Board of Regents reserves the right to enter into Executive Session, if needed, in accordance with R.S. 42:11 *et seq.*

DRAFT
MINUTES
BOARD OF REGENTS

March 23, 2022

The Board of Regents met in session at 12:25 p.m. on Wednesday, March 23, 2022, in the Louisiana Purchase Room, Claiborne Building, 1201 North Third Street, Baton Rouge, Louisiana. Chair Collis Temple III called the meeting to order.

ROLL CALL

Ms. Doreen Brasseaux called the roll, and a quorum was established.

Present for the meeting were:

Collis Temple III, Chair
Gary Solomon, Jr., Vice Chair
Blake David
Randy Ewing
Stephanie Finley
Cameron Jackson (student member)
Robert Levy
Darren Mire
Wilbert Pryor
T. Jay Seale III
Felix Weill
Judy Williams-Brown

Absent from the meeting were:

Sonia Pérez, Secretary
Phillip May, Jr.
Charles McDonald
Terrie Sterling

Mgt. Board Representatives present:

Mark Romero, UL System
Mary Werner, LSU System
Dr. Leon Tarver, SU System
Willie Mount, LCTC System

PUBLIC COMMENT

Chair Temple asked if there were any public comments. There were none.

APPROVAL OF THE MINUTES OF THE FEBRUARY 23, 2022 MEETING

On motion of Regent Seale, seconded by Regent Levy, the Board voted unanimously to approve the minutes of the February 23, 2022 meeting.

CHAIR'S COMMENTS

Chair Temple made the following comments:

- He acknowledged the absence of Board members due to the extreme weather conditions the day before. He thanked all Board members for their commitment to the community.
- He mentioned the Mid-Career Professionals Retreat, where Regent Mire had the opportunity to share his career and civic experience.
- He noted the visit to the Cyber Range with Governor Edwards and Commissioner Reed and acknowledged the world-class cyber work being done in Baton Rouge. He cited the younger generation's involvement in the development of this innovative work and the importance of investing in the coming generations.
- He discussed being able to visit the 'Internet of Things' Model Home, where hosts demonstrated risks of cyber attacks to smart homes.
- He congratulated Commissioner Reed on her receipt of the Louisiana School Board Association statewide 'Friend of Public Education' award, given to her during LSBA's annual conference.
- He asked student member Regent Cameron Jackson to provide his update:
 - He stated that the COVID task force is not set to meet this month but will meet the following month.
 - He and the I-20 fraternities hosted a 'Chop Shop Chat' to discuss approaches during this uncertain season with COVID.
 - He provided an update on his trip to Africa to distribute technology to communities in need and meet with higher education officials.

REPORTS AND RECOMMENDATIONS

Chair Temple inquired if any member of the Board wanted to take up any of the Committee reports separately before a motion was made to accept all reports. There were no requests.

On motion of Regent Weill, seconded by Regent Mire, the Board voted unanimously to approve all Committee recommendations from the March 23, 2022 Committee meetings.

AUDIT COMMITTEE

INTERNAL AUDIT PRESENTATION

Mrs. Laura Soileau and Mrs. Kristin Bourque from Postlethwaite & Netterville (P&N) presented an update to the Audit Committee on the progress of contract year four. Mrs. Bourque noted that the Competitive Contracts & Endowments and Information Technology Follow-up audits have been completed. The LUMCON Accounting Processes Audit is ongoing and will be presented at the April Audit Committee meeting.

FINANCE COMMITTEE

REVIEW AND APPROVAL OF THE FY 2022-2023 PRELIMINARY FUNDING RECOMMENDATION

Mr. Matthew LaBruyere, Deputy Commissioner for Finance and Administration, began his presentation by stating that the Board of Regents is required by law to submit to the Senate Committee on Education, the Senate Committee on Finance, the House Committee on Education, and the House Committee on Appropriations, not later than March 31st of each year any formula recommended and adopted by the Board for funding institutions of postsecondary education in the ensuing year.

The funding submission is based on funds recommended for higher education in the original version of House Bill 1. Mr. LaBruyere stated that the FY23 Executive Budget includes a State General Fund increase of \$60.6M to colleges, universities, specialized institutions, and boards, and \$15M for the Louisiana Office of Student Financial Aid (LOSFA) GO Grants program. The \$60.6M increase includes \$31.7M for faculty pay increases, \$18M for mandated costs increases, \$15M for formula institutions, \$5M for Title IX offices, \$6.6M for the LSU Agricultural Center, \$5.9M for Pennington, \$3.1M for LSU Health Sciences Center - New Orleans, \$2.4M for LSU Health Sciences Center - Shreveport, \$869,000 for the SU Agricultural Center, and \$300,000 for the SU Law Center.

Mr. LaBruyere further explained that the preliminary submission is based on distributing increased funds as noted above to the respective agency/institution and allocating funding for two-year and four-year institutions through the Outcomes-Based Funding Formula. The formula allocation methodology is 55% base, 17% cost, and 28% outcomes. This methodology increases outcomes and decreases the reliance on base funding. He added that, in the event funding levels change as the appropriations bill moves through the process, a new allocation will be submitted to the legislature for the latest version of the appropriations bill.

Approve the distribution, which allocates available funding in accordance with the methodology listed above.

LEGISLATIVE COMMITTEE

2022 LEGISLATIVE UPDATE

Commissioner Kim Hunter Reed presented reports on legislative instruments of interest involving the Board of Regents and higher education. This update was for informational purposes only.

FACILITIES AND PROPERTY COMMITTEE

ADDITIONS TO BoR FY 2022-23 CAPITAL OUTLAY BUDGET RECOMMENDATION

Mr. Chris Herring, Associate Commissioner for Facilities Planning and Disaster Services, presented three capital outlay projects submitted by the University of Louisiana System (ULS) for Board of Regents (BoR) consideration after the BoR approved the capital outlay budget recommendation during its October meeting. All three projects were submitted on behalf of Louisiana Tech University (La Tech).

- 1. Central Steam Generator – Boiler and Switchgear Replacement**
- 2. Agriculture and Forestry Wood Products Education and Research Center**
- 3. Athletic Academic Center**

Approve the additions to the Board’s FY 2022-23 Capital Outlay Budget Recommendation submitted by the University of Louisiana System on behalf of Louisiana Tech University.

RESILIENCY PROJECT UPDATE

Mr. Herring introduced Mr. Rowdy Gaudet, managing director for Emergent Method, the consulting firm hired by the BoR to develop the resiliency framework, needs assessment, and resilience center pilot project. Mr. Gaudet provided the Board with information on the various aspects of the project, including details on how the framework is structured and the buy-in received from the systems and institutions, which will be critical to success in implementing the framework during a time of emergency. Additionally, he provided an update on the recently initiated needs assessment, which will assist the BoR and other stakeholders when advocating for resources to harden institutions against future events. Lastly, Mr. Gaudet provided an update on the ongoing effort to develop a resilience center pilot on the Fletcher Technical Community College (FTCC) campuses, with the intent to expand the concept to additional institutions upon FTCC’s successful implementation of the concept.

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

Dr. Tristan Denley, Deputy Commissioner for Academic Affairs and Innovation, presented the Consent Agenda, consisting of Staff Approvals.

CONSENT AGENDA

Approve the items on the Consent Agenda as presented.

A. Routine Staff Approvals

ACADEMIC AFFAIRS POLICY

A. Revised: 2.18 Gateway Mathematics and English Course Placement Requirements

Dr. Denley explained why the two proposed policy changes are so crucial to reaching the Board's 2030 goal. He explained that he did an in-depth analysis of the structure of all curricula offered by the systems and looked at why they were and were not successful. He presented a small world graph model of the curricula and explained that the network is fragile in a special way as the network can fall apart easily if certain changes are made. He also advised that math and English are at the heart of the structure and what is done in math and English impacts entire curricula and enables students to be successful. Regent Ewing asked for clarification of what English encompasses. Dr. Denley responded that it encompasses the first general education courses students take in English, Freshman Writing.

Dr. Denley discussed how math and English course passage rates transfer to earning credentials. Students who are unsuccessful in passing both their first-year writing and general education math courses have a 19% graduation rate, while those who pass both courses have a 69% rate of graduation. Traditional remediation is the fundamental roadblock preventing students from being successful in math and English. He then explained that the goal of a remedial course is to help students who are less well prepared. However, the courses do not count towards a degree, only half of the students who take these courses are successful, and many students do not attempt a college math course.

The solution is to replace this structure with a co-requisite structure. Rather than enrolling in a remedial math course, the student would enroll in a college-level course needed for the credential along with a co-requisite course, which supports them as they take the credit-bearing course. He then presented data from Tennessee and Georgia that showed the change in

completion rates by moving to a co-requisite model. Regent Solomon asked if pre-requisite is the same as remedial or a different concept. Dr. Denley replied that students will still have the support, but it will be repositioned from a pre-requisite approach to a co-requisite, happening simultaneously. Regent Solomon followed up by asking if the co-requisite course would be replacing something the student would have otherwise selected to do, so not taking them off track of earning their degree. Dr. Denley responded that currently remedial math does not count towards a degree; now a student would be able to take a credit-bearing course instead.

Dr. Denley advised that the work in Louisiana has already begun. Two years ago, the Board of Regents was awarded a Strong Start to Finish grant to focus on developmental education reform and close to a dozen Louisiana institutions have begun to implement the co-requisite model. Dr. Denley then presented data on Fall 2021 completion rates in the co-requisite model.

Regent David asked what the reason is for the delay in implementing an English co-requisite model. Dr. Denley responded that the work began with the math community, and will now begin engaging the English faculty. He explained that the policy establishes a uniform policy for student placement to determine who needs co-requisite support, setting a timeline for full implementation of the co-requisite model for math by fall 2023 and English by fall 2024.

Regent Solomon wondered about the relationship between K-12 preparation and remediation. Dr. Denley responded that we want students to be as well prepared as possible, so it is necessary to work with K-12 partners to make sure preparation is as rich as it can be to prepare students.

Regent Seale asked if staff anticipate any difficulties in implementing this at the campus level as it cannot be self-evident to campuses how to do this. Dr. Denley responded that staff have

worked with campuses and CAOs. All parties understand the urgency and will be arranging faculty development events and ways to partner with campuses to determine the best way to implement this model. Regent Seale followed up by asking if staff are coordinating the policy at the Regents' level and asking the CAOs to develop the implementation at the campus level. Dr. Denley responded that staff will be partnering with the CAOs at the campus level and helping to coordinate the faculty development. Regent Seale also asked about resources that would be required at the campus level. Dr. Denley advised that there will be changes to the structure of course offerings. Regent Seale then asked when this will begin to be implemented across the state. Dr. Denley replied that the work has already begun on some campuses, and he anticipates that many campuses will scale up in the coming fall. Campuses have until fall 2023 to fully implement.

Ms. Warner commented that there has been a tremendous emphasis on dual enrollment and asked what is being done to ensure that high school instructors are able to teach at that level. Dr. Denley responded that the work has already begun on the dual enrollment side by partnering with K-12 to provide training to high school teachers who will be providing that instruction.

Commissioner Reed followed up on Regent Seale's question on faculty and campuses. She advised that two years of work has already been done with campuses and systems. She added that while the data are clear that remedial education does not work, there is still a responsibility to bring faculty and campuses together to have them analyze the information and understand the model. She also advised that the work needs to begin in English and that all parties need to understand what the implementation costs and barriers will be. She stated that it is a great day when the Board of Regents says that, from a policy perspective, we recognize that system redesign is a necessity, and that we are leaning into this after a two-year journey.

Approve the Academic Affairs Policy 2.18 Gateway Mathematics and English Course Placement Requirements effective beginning in the fall 2023 semester for mathematics courses and in the fall 2024 semester for English courses.

B. New: 2.23 Prior Learning Assessment

Dr. Denley presented the policy on Prior Learning Assessment, explaining that this is groundbreaking policy demonstrating the partnership with the campuses and that the policy grew from the Statewide Articulation and Transfer Council. They recognized that as campuses provide credit for prior learning, this should be governed by a standard process. He explained that the policy seeks to establish a statewide framework that will allow campuses to understand the way in which they are giving credit for prior learning and provide a commitment on the campus level to honor how sister institutions have awarded credit. Dr. Denley also informed the Board that he is not aware of another state that will have a reciprocity agreement at the state level.

Approve the Academic Affairs Policy 2.23 Prior Learning Assessment effective immediately.

STATEWIDE PROGRAMS COMMITTEE

Dr. Sujuan Boutté, Executive Director of the Louisiana Office of Student Financial Assistance (LOSFA) presented the items on the Consent Agenda.

CONSENT AGENDA

Approve the items on the Consent Agenda as presented.

- A. Approval of Final Rulemaking to implement the provisions of Act 457 of the 2021 Regular Session of the Louisiana Legislature**
- B. TOPS Exceptions**

CONSIDERATION OF A DEFINITION OF FINANCIAL AID FOR THE PURPOSE OF LAST-DOLLAR AWARD PROGRAMS

Dr. Sujuan Boutté presented to the Regents a request from the Louisiana Community and Technical College System (LCTCS) that the Board adopt a definition of financial aid that excludes student loans and work-study income for all “last dollar” programs administered by the Board. The definition would apply to the M.J. Foster Promise Program

Approve the definition of financial aid that excludes student loans and work-study for last dollar programs and further seeks a definite statement affirming that this action is in keeping with legislative intent regarding implementation of the M.J. Foster Program (Act 457).

PLANNING, RESEARCH AND PERFORMANCE COMMITTEE

Dr. Susannah Craig, Deputy Commissioner for Strategic Planning and Student Success, presented the Consent Agenda items.

CONSENT AGENDA

Approve the items on the Consent Agenda as presented.

A. Proprietary Schools Advisory Commission

1. Associate in Occupational Studies Application

- a. Delta College of Arts and Technology of Baton Rouge
Healthcare Administration, Associates in Occupational Studies**

2. Initial Applications

- a. Phlebotomy Career Training Academy, LLC-Lafayette, LA**
- b. River Parish Institute-Gonzales, LA**
- c. St. Agatha Career Schools, LLC-New Orleans, LA**

3. Renewal Applications

- a. Baton Rouge School of Court Reporting, LLC-License #: 2083**
- b. Becker Professional Education Online-License #: 2263**
- c. Beso Beauty, LLC-License #: 2264**
- d. Blue Cliff College – Lafayette-License #: 2006**
- e. Burks Medical Training, LLC-License #: 2296**
- f. Carter’s Career Center, LLC-License #: 2286**
- g. Coastal College – Hammond-License #: 791**
- h. Hospitality Opportunity and Service Training (HOST) -License
#: 2312**
- i. ITI Technical College-License #: 2007**
- j. LifeShare Phlebotomy School-License #: 2313**
- k. Louisiana Dental Assistant School, LLC-License #: 2073**
- l. Louisiana Dental Institute, LLC-License #: 2287**
- m. Moore Career College-License #: 2298**

- n. Next Level Educational Services, LLC-License #: 2331**
- o. Professional Laser Training, LLC-License #: 2297**
- p. Remington College – Knoxville-License #: 2314**
- q. SNAP Medical Assistant School-License #: 2265**
- r. Tulsa Welding School – Jacksonville Campus-License #: 2123**
- s. United Dental Institute, LLC – Baton Rouge-License #: 2328**
- t. United Dental Institute, LLC – Lafayette-License #: 2329**
- u. United Dental Institute, LLC – New Orleans-License #: 2330**

RESPONSE TO HOUSE RESOLUTION 150 OF THE 2021 REGULAR SESSION

Ms. Janet Newhall, Assistant Commissioner for Academic Affairs, Dr. Matt Lee, LSU Interim Executive Vice President and Provost, and Mr. Colin Koproske, EAB, presented the response to House Resolution 150 of the 2021 Regular Session.

Ms. Newhall began by providing an overview of the legislative request and background information on this resolution. She provided a historical background of the original work of the Shreveport Commitment Plan of 2012, along with the Eva Klein & Associates report. Ms. Newhall gave a data comparison of the population of Shreveport from 2012 to 2021 and provided activity highlights from LSUS within this timeline. Mr. Koproske presented the second part of the report regarding the academic and technical program opportunities in northwest Louisiana. After this analysis, Ms. Newhall provided concluding remarks and recommendations in response to this study. Dr. Lee discussed the current activity at LSU and the plans moving forward. He provided clarity on issues presented and the vision for the future of LSU.

Regent Pryor acknowledged Dr. Larry Clark, LSUS Chancellor, and Mr. Wayne Brown, LSU Board Member, who were present at the meeting. He expressed concern over a lack of commitment and lack of resources provided to LSUS. He also acknowledged LSUS and its potential for success. Regent Pryor suggested that there should be a fifth recommendation added to the report that requires a yearly update from the president of LSU, Chancellor of LSUS and

Chancellor of LSUHSC – Shreveport, along with legislators of northwest Louisiana, Shreveport Regents members and LSU Board of Supervisors members, to follow up on the work being done.

Regent Levy asked for a motion to include a fifth recommendation in the report for HR 150 of the 2021 Regular Session that asks for a yearly update from Shreveport and LSU stakeholders. This was seconded by Regent Finley.

Regent Solomon noted that the report stated, in 2012, the Board of Regents would no longer fund online programs and asked whether the statement was correct. Regent Solomon stated that he believed that the funding formula has designated funds for online enrollment for students who have a nexus in Louisiana. He requested that this be clarified in the report. Mr. LaBruyere stated that in 2017 (in preparation for the 2018 fiscal year), the Board of Regents decided to include 100% online students who are in-state and exclude 100% online students who are out-of-state. This continues today. Regent Solomon asked whether shifting to LSU Online hurt the success of LSUS. Dr. Lee responded that there is a complex interaction of various factors, especially with the decline in enrollment. The first factor is benchmarking of online enrollment against a high-water mark of the artificial jump of students going online during the height of the pandemic. The second factor is AP's withdrawal of activities for recruitment when LSU alerted AP that they were moving on. The third factor is that data show that master's programs' online enrollment is starting to decline. This may be temporary due to the 'Great Resignation.' Dr. Lee reiterated that the System is continuing to work with LSUS, as the enrollment of online programs is a significant form of revenue for this campus. Ms. Werner reiterated the importance of the work done by Chancellor Clark and Supervisor Wayne Brown. She stated her optimism for the future of LSU and the strategic planning that has taken place under President Tate. Chair Temple thanked Chancellor Clark, Supervisor Brown and Representative Glover for their work in north Louisiana. Regent Pryor acknowledged LSU SGA President Javin Bowman.

Receive the report for HR 150 of the 2021 Regular Legislative Session with the addition of a fifth recommendation that asks for a yearly update from Shreveport and

LSU stakeholders and authorize Regents staff to submit this report on its behalf to the House and Senate Committees on Education.

OTHER BUSINESS

Dr. Matt Lee provided an update on efforts by LSU regarding the oral health needs in north Louisiana in reference to the study put forth in 2019.

REPORTS AND RECOMMENDATIONS BY THE COMMISSIONER OF HIGHER EDUCATION

Commissioner Reed provided the following information:

- Vice President Kamala Harris visited Sunset, Louisiana to discuss internet accessibility; she and a number of higher education officials were in attendance. She acknowledged the work done to secure \$30 million in broadband support and the broadband workforce funding in the Governor's budget, with anticipation of more funds to come to help to close the digital divide. She acknowledged Bossier Parish Community College's work to prepare students to lay fiber and do some of the work for broadband investment.
- The Ochsner Healthy State 2030 Initiative is a ten-year investment in improving the health of Louisiana. The Ochsner Healthy State Advisory Board oversees this work and will partner with the Board of Regents on specific educational goals outlined.
- The Commissioner had the opportunity to meet with future healthcare heroes at Franciscan Missionaries of Our Lady University. She acknowledged the great work that FranU is doing, including the transition into online instruction and back into in-person clinicals.
- Commissioner Reed had the opportunity to speak with the Council for a Better Louisiana as well as the Shreveport-Bossier Business Alliance for Higher Education.

OTHER BUSINESS

Chair Temple noted that the next scheduled Board of Regents meeting will be held on Wednesday, April 27, 2022 in the Claiborne Building, Baton Rouge, Louisiana.

ADJOURNMENT

There being no further business to come before the Board, on motion of Regent David, seconded by Regent Levy, the meeting was adjourned at 12:48 p.m.

Appendix A

Board Meeting Guest List Wednesday, March 23, 2022

NAME	AFFILIATION
Amy Cable	LCTCS
Wayne Brown	LSU
Matt Lee	LSU
Jeannine Kahn	UL System
Anna Bartel	LSU
Jackie Bach	LSU
Larry Clark	LSU Shreveport
Javin Bowman	LSU

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Chair

Gary N. Solomon, Jr.
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AGENDA
AUDIT COMMITTEE
Wednesday, April 27, 2022
10:30 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room
1201 North Third Street
Baton Rouge, LA 70802

- I. Call to Order
- II. Roll Call
- III. Internal Audit Presentation
 - A. Internal Audit Update for Contract Year 4
 - B. LOSFA GO Grant Update
 - C. LUMCON Accounting Processes Report
- IV. Other Business
- V. Adjournment

Blake R. David
Randy L. Ewing
Stephanie A. Finley
Robert W. Levy
Phillip R. May, Jr.
Charles R. McDonald
Darren G. Mire
Wilbert D. Pryor
T. Jay Seale, III
Terrie P. Sterling
Felix R. Weill

Judy A. Williams-Brown
Cameron T. Jackson, Student

Committee Members: T. Jay Seale III, Chair, Sonia A. Pérez, Vice Chair, Randy L. Ewing, Gary N. Solomon, Jr, Felix R. Weill, and Judy A. Williams-Brown
Staff: Kim Hunter Reed, Commissioner of Higher Education

Collis B. Temple, III
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T. Jay Seale, III
Terrie P. Sterling
Felix R. Weill
Judy A. Williams-Brown
Cameron T. Jackson, Student

AGENDA
LEGISLATIVE COMMITTEE

Wednesday, April 27, 2022
10:40 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

- I. Call to Order
- II. Roll Call
- III. 2022 Legislative Update
- IV. Appropriations Bills Update
- V. Capital Outlay Update
- VI. Other Business
- VII. Adjournment

Committee Members: Sonia A. Pérez, Chair; Terrie P. Sterling, Vice Chair; Blake R. David; Robert W. Levy; Philip R. May Jr.; Charles R. McDonald; Cameron T. Jackson (*student member*); LCTC System Representative; LSU System Representative; SU System Representative; UL System Representative
Staff: Erin Cowser, Assistant Commissioner for Legislative and External Affairs

**EXECUTIVE SUMMARY
LEGISLATIVE COMMITTEE
April 27, 2022**

Agenda Item III.

A Legislative Priorities Update and Other Bills of Interest Review will be shared for information purposes only.

Agenda Item IV. – V.

An update regarding Appropriations Bills and Capital Outlay will be shared for information purposes only.

Collis B. Temple, III
Chair

Gary N. Solomon, Jr.
Vice Chair

Sonia A. Pérez
Secretary

Kim Hunter Reed, Ph.D.
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AGENDA

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

Wednesday, April 27, 2022

10:55 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

- I. Call to Order
- II. Roll Call
- III. Consent Agenda
 - A. Routine Staff Approvals
- IV. Academic Programs
 - A. AAS Construction Science – River Parishes CC
 - B. MAT Elementary Education Special Education Mild/Moderate, Grades 1-5 – SUNO
 - C. MAT Secondary Education Special Education Mild/Moderate, Grades 6-12 - SUNO
 - D. MS Computer Networking and Administration – Southeastern Louisiana U
- V. Other Business
 - A. Degree Program Proposals and Academic Planning - Update
- VI. Adjournment

Committee Members: Blake R. David, Chair; Stephanie A. Finley, Vice Chair; Wilbert D. Pryor; Gary N. Solomon, Jr.; Terrie P. Sterling; Judy A. Williams-Brown; Cameron T. Jackson (*student member*); LCTC System Representative; LSU System Representative; SU System Representative; UL System Representative
Staff: Dr. Tristan Denley, Deputy Commissioner for Academic Affairs and Innovation

AGENDA ITEM III.A.

Routine Academic Requests & Staff Approvals

Institution	Request
LSU A&M	Request to change the name of the BS in Learning Experience Design and Innovation to the BS in Learning Experience and Instruction Design to improve clarity in the program's purpose and better align with industry terminology. Approved.
LSU HSC New Orleans	Request to change the name of the Department of Rehabilitation and Counseling to the Department of Counseling to better reflect the full breadth of counseling and counseling-related programs offered in the department. Approved.
LSU Shreveport	Request to change the name of the BS in Community Health to the BS in Public Health to better represent the program's revised curriculum and concentrations aligned with Council on Education for Public Health accreditation standards. Approved.
SUBR	Request to change the degree designation and CIP code of the MA in Clinical Mental Health Counseling (CIP 42.2803) to the MS in Clinical Mental Health Counseling (CIP 51.2310) to better align with the program's revised curriculum. Approved.
SUSLA	Request to establish a Certificate of Applied Science (CAS) in Cybersecurity (CIP 11.1001) Approved.

AGENDA ITEM IV.A.

Proposed Associate of Applied Science in Construction Science River Parishes Community College

Background Information

River Parishes Community College (RPCC) has requested Board of Regents' approval to offer an Associate of Applied Science (AAS) in Construction Science. The program proposal was approved by the Louisiana Community and Technical College System (LCTCS) Board of Supervisors and forwarded to the Board of Regents for consideration. The proposal was then circulated to Chief Academic Officers statewide for review.

Staff Summary

The proposed AAS in Construction Science is a 61-credit hour program that provides the basic skills and knowledge for entry-level construction management positions such as Assistant Superintendent, Superintendent, and Assistant Project Manager. The proposed program will emphasize the applied science aspects of construction, such as building systems, construction documents, and surveying. The program's focus is on training individuals to enter the workforce immediately upon graduation.

A recent Louisiana Office of Economic Development (LED) announcement provides evidence that construction-related jobs will be in high-demand in RPCC's service area, specifically. On October 14, 2021, Governor John Bel Edwards announced that Air Products will develop a \$4.5 billion clean energy complex in Ascension Parish, less than 5 miles from RPCC's main campus. It is estimated that this project will create more than 2,000 construction jobs in the area over three years.

1. Value: Per Regent's policy, this program meets the criteria of a Quality Credential of Value.

- a. **Same or Similar In-state Programs:** While Delgado Community College and Baton Rouge Community College currently offer AAS degrees in related construction fields, the proposed Construction Science program at RPCC will have less emphasis on management and will focus more heavily on the applied science components of construction making the program uniquely different from others.
- b. **Workforce Demand and Job Opportunities:**
 - According to the Louisiana Workforce Commission, Construction Managers, First Line Supervisors, Construction and Building Inspectors, and Cost Estimators are in high demand, with current open positions totaling 201 in Louisiana. Typical pay for such positions ranges from \$27.83/hour to \$46.49/hour. All jobs within this career cluster are rated 5 stars, indicating high-wage and high-demand.
 - In 2021, RPCC was awarded a \$1.49 million dollar grant from the Delta Regional Authority/Department of Labor to provide training programs to prepare the region and Louisiana's workforce for high-wage jobs in the hydrogen, solar and wind energy sectors. RPCC anticipates using this funding to offer short-term, non-credit training leading to jobs within the renewable energy sector. Students within the proposed AAS in Construction Science will be able to enroll in these short-term courses, in addition to their for-credit courses, to enhance their skills and marketability.
- c. **Student Enrollment:** New students will be recruited from local high schools and the general river region population. The majority of RPCC's current technical program offerings are geared towards employment in the petrochemical industry (Process Technology, Instrumentation, Industrial Maintenance). This program will allow students to enroll in a technical program that is not focused exclusively on employment in the petrochemical industry, providing an opportunity to a new market of students.

	Year 1	Year 2	Year 3	Year 4	Year 5
Projected Enrollment	15	22	26	28	29
Projected Graduates	0	5	10	12	15

2. **Resources:** Outside of revenue from tuition and fees, RPCC will seek approximately \$100,000 in Rapid Response funds from LCTCS for Years 1 and 2 of program implementation. Once the program is self-sustaining, which is anticipated by Year 3, annual operating dollars will be used to support the program.

	Current	Needed	Additional Costs
Faculty	RPCC currently employs all the faculty needed to teach the 30 credit hours of general education and business courses for the proposed program.	RPCC will hire 1 new full-time instructor to serve as Program Lead and 4 adjunct instructors to support the program.	\$102K per yr.
Physical (Facilities, Equipment, Library, & Technology)	Existing facilities are adequate to support the program.	Additional costs for subscriptions and library resources.	\$8K per yr.
Student Support	Existing resources will meet the needs of the program for the foreseeable future.	No additional resource needs projected.	\$0

3. **Master Plan Priorities:** The following aspects of the proposal directly address priorities or goals of the statewide attainment goal and 2030 Master Plan.
- Accessibility: RPCC will offer courses for this program during the day and the evenings to allow students who work in the construction industry to attend classes.
 - Affordability: The majority of general education courses in the program utilize OER.
 - Partnerships: Once the program is approved, RPCC plans to work with LSU's Construction Management Department to create articulation agreements for several courses.
 - Other program attributes that contribute to closing the achievement gap with underserved populations: The program has embedded a Certificate of Technical Studies that allows adult learners to stop in and out along the way to the associate degree.

Staff Analysis

Data from statewide workforce entities such as LED indicate that RPCC's proposed program is needed and valuable for the college's service region. RPCC's proposed AAS in Construction Science will benefit citizens of the river region by providing a low-cost, high-quality education in a field that is in high demand. It will benefit industries that hire graduates from the program and will provide for economic development through large scale construction projects in the region.

STAFF RECOMMENDATION

Senior Staff recommends approval of the proposed AAS in Construction Science (CIP 15.1001) at River Parishes Community College, with a progress report due October 1, 2023.

AGENDA ITEM IV.B.-C.

Proposed Master of Arts in Teaching Elementary Education Special Education Mild/Moderate, Grades 1-5 and Master of Arts in Teaching Secondary Education Special Education Mild/Moderate, Grades 6-12 Southern University at New Orleans

Background Information

Southern University at New Orleans (SUNO) requests Board of Regents approval to establish a Master of Arts in Teaching (MAT) for Elementary Special Education Mild/Moderate, Grades 1-5 and a MAT in Secondary Education Special Education Mild/Moderate, Grades 6-12. The Letter of Intent was approved by Regents in April 2021, which was paused until the proposed programs received final approval from the Louisiana State Board of Elementary and Secondary Education (BESE) to offer both post-baccalaureate teacher preparation programs. The pathways were approved by BESE in December of 2021 and revised program proposals were submitted to Regents for consideration in March 2022. Draft proposals were reviewed by Dr. Edward Hill, Interim Provost for Academic Affairs (Former Dean, College of Education) at Harris-Stowe State University, St. Louis Missouri.

Staff Summary

The proposed MAT degrees in Elementary Education Special Education Mild/Moderate, Grades 1-5 and Secondary Education Special Education Mild/Moderate, Grades 6-12 are both graduate alternative certification programs with 39 credit hours designed to allow individuals with non-education bachelor's degrees to obtain a graduate degree and receive initial teacher certification. The integrated programs also prepare candidates in the instruction of students who are identified with mild/moderate disabilities. Each student is required to complete a year-long residency (student teaching or internship) inclusive of the grade level setting. The institution plans to seek program accreditation with the Council for the Accreditation of Educator Preparation (CAEP) after they have achieved three years of graduation data with a projected accreditation date of Fall 2025.

1. Value: Per Regents' policy, this program meets the criteria of a Quality Credential of Value.

- a. **Same or Similar In-State Programs:** While there are similar programs that are offered at other institutions throughout the state, SUNO's proposed programs are unique in that they will be offered through 100% online instruction and will provide a much-needed alternative path for students to acquire teacher certification and aid in the state's efforts to decrease the classroom teacher shortage. As one of the three Historically Black Colleges and Universities (HBCU) in the New Orleans area, SUNO will be able to reach those underserved and underrepresented populations.
- b. **Workforce Demand and Job Opportunities:** Louisiana continues to experience a teacher shortage. The most recent data available indicates that there are approximately 2,500 certified teacher vacancies across the state. The proposed programs will not only provide an additional path for obtaining teacher certification but will also provide teachers who specialize in teaching students with varied levels of special education needs. With students being identified and placed into special education programs at a younger age, school districts are required to have an Individualized Education Plan (IEP) for those students. Additionally, many schools integrate students with special needs into regular classrooms making the need for teachers with special education training even more essential.

- c. Student Enrollment and Completion: SUNO's College of Education and Human Development conducted a survey of students currently enrolled in its Child Development and Family Studies, Educational Studies, and Post-Baccalaureate programs of whom 80% indicated an interest in the program. SUNO also surveyed human resources directors from partnering school districts. The institution expects that the online delivery of the programs will attract both in-state and out-of-state students who may otherwise have enrolled elsewhere. SUNO projects initial enrollment in the elementary education special education program of 15 students increasing to 65 by year five with projected graduates of 10 students by year three increasing to 20 students in year five. The secondary education special education program is projected to enroll 6 students in year one increasing to approximately 35 by year five with 6 projected graduates in year three increasing to 15 by year five.

MAT Elementary Education Special Education Mild/Moderate (Grades 1-5)					
	Year 1	Year 2	Year 3	Year 4	Year 5
NEW Prog. Enrollment	15	25	35	45	65
Prog. Graduates	N/A	N/A	10	15	20

MAT Secondary Education Special Education Mild/Moderate (Grades 6-12)					
	Year 1	Year 2	Year 3	Year 4	Year 5
NEW Prog. Enrollment	6	15	20	25	35
Prog. Graduates	N/A	N/A	6	10	15

2. Resources:

Most of the courses required for the proposed program are already offered at the institution as part of the current certification in elementary and secondary education programs through the College of Education and Human Development. No new full-time faculty will be needed to initiate the program. The program will be absorbed by current faculty teaching in the department. Reduced teaching loads will be provided for current faculty members. Depending on program enrollment, the institution projects the need for a new Assistant Professor by year three.

	Current	Needed	Additional Costs
Faculty	The institution's current faculty are sufficient to implement and sustain the program for the foreseeable future.	Depending on enrollment, one new Assistant Professor is projected to be hired by year three in each of the certification levels.	Yr. 3+: \$52,000 (Gr 1-5) Yr. 3+: \$52,000 (Gr 6-12)
Physical (Facilities, Equipment, Library, & Technology)	Existing facilities and related resources are adequate to support the program.	No additional resource needs projected.	\$0
Student Support	Existing resources will meet the needs of the program for the foreseeable future.	No additional resources projected.	\$0

3. Master Plan Priorities: The following aspects of the proposal directly address priorities or goals of the statewide attainment goal and 2030 Master Plan.

- Accessibility: The program will be offered through 100% online instruction which will allow for flexible course scheduling to provide access to a variety of students, especially working adults who have earned a non-education bachelor's degree.
- Affordability: The proposed program will utilize open educational resources (OER) courseware, videos, articles, and websites (Vanderbilt University) that can be used to enhance field experiences and discussion activities in method courses. The institution has also partnered with Pearson to reduce students' cost on textbooks that are not available in the library's offerings through OER. The anticipated savings to students, on average, to be \$75 per course. Students enrolling in the program will also be eligible for the TEACH Grant Program, which provides students with up to \$4,000 per year.
- Work-Based Learning: These proposed degree programs require students to complete a residency requirement as part of the state's licensure requirement.
- Other program attributes that contribute to closing the achievement gap with underserved populations: The proposed program aims to increase diversity in teacher education programs by providing underserved populations an accessible opportunity to gain a master's degree and teacher certification for adult learners through distance education.

Staff Analysis

Southern University at New Orleans has demonstrated a clear need for certified special education teachers across the state. The proposed programs will also provide an additional pathway for non-education bachelor's degree completers to earn a master's degree while obtaining teacher certification. The 100% online delivery of these programs help to provide access, affordability, and diversity to students in the state. BESE has approved SUNO to offer both of the proposed special education teacher certification pathways.

STAFF RECOMMENDATION

Senior Staff recommends approval of the proposed Master of Arts in Teaching Elementary Education Special Education Mild/Moderate, Grades 1-5 (CIP 13.1017) and Master of Arts in Teaching Secondary Education Special Education Mild/Moderate, Grades 6-12 (CIP 13.1019) at Southern University at New Orleans with progress reports due October 1, 2023.

AGENDA ITEM IV.D.

Proposed Master of Science in Computer Networking and Administration Southeastern Louisiana University

Background Information

Southeastern Louisiana University (SLU) requests Board of Regents approval to establish a Master of Science (MS) in Computer Networking and Administration. The Letter of Intent was approved by Regents in December 2019, which was followed by a temporary pause in the development of the program. In August 2021, University of Louisiana System (ULS) administration submitted a draft proposal for review. Dr. Kyle Cronn of Dakota State University provided a favorable external evaluation of the draft proposal. The revised final proposal was approved by the University of Louisiana System (ULS) Board of Supervisors in February, then submitted to Regents for consideration.

Staff Summary

The proposed MS in Computer Networking and Administration is designed to provide a pathway to high-demand careers in the applied computer science and information technology industries with a focus in the areas of computer networking and administration. This program will prepare students at the graduate level for careers in the rapidly growing computer networking and administration industries in state and nationwide. The program is built upon the same foundations as other graduate level computer science programs but emphasizes both the knowledge and the technical skills needed for the workforce. These include organizational and technological issues involved in enterprise scale networking such as emerging network technologies, network processing, high-performance computing, network programming, and security. The 100% online program provides scheduling flexibility for working professionals and includes the use of virtual hands-on labs. Both a thesis and non-thesis option will be available allowing students to either focus on additional coursework in a specialty area or on research.

1. Value: Per Regent's policy, this program meets the criteria of a Quality Credential of Value.

- a. Same or Similar In-state Programs: While there are several other related master's programs at the state's 4-year institutions, such as those in Computer Information Systems, Computer Systems Technology, Computer Science, and Computer Engineering, Chief Academic Officers at those institutions continue to agree that the demand for technology professionals warrants a breadth of program offerings statewide. The proposed program will provide a unique focus on network administration as opposed to software, algorithm, or engineering development, the common focus areas in computer science programs.
- b. Workforce Demand and Job Opportunities: The demand for graduates with a degree in computer science is growing at twice the national average according to the Bureau of Labor Statistics. The Bureau projects that new computing jobs will account for 71% of all STEM jobs. Furthermore, Computer Networking and Administration will be the major portions of the computing job market.
- c. Student Enrollment and Completion: The program expects to initially draw graduates of SLU's undergraduate computer science program who are currently employed in the field, and anticipates that the draw will expand to working professionals throughout the region. SLU anticipates at least 50 students enrolled in the program once it is fully implemented.

	Year 1	Year 2	Year 3	Year 4	Year 5
Total Enrollment	15	35	45	50	50
Program Graduates	-	15	20	25	25

2. Resources

The institution has funded over \$380,000 in library acquisitions for computer science in the past four years, which has helped build the capacity for the proposed program. The computer science faculty will be able to launch the program and offered all required courses in the first year with one additional full time faculty member added in year 2. The first two years of the costs for this additional faculty member will be covered by a Louisiana Economic Development grant. Anticipated tuition revenue from enrollment will cover these costs going forward. Additional adjunct faculty may be needed to support the program with expected growth.

	Current	Needed	Additional Costs
Faculty	Ten existing faculty in the Department of Computer Science will support the launch of the new program.	One additional full time faculty member will be added during the year 2. The first 2 years of salary will be paid by an LED grant. One half time adjunct faculty is anticipated by year 3.	Yr. 2 \$110,760 Yr. 3+ \$166,140
Physical (Facilities, Equipment, Library, & Technology)	Existing facilities and online infrastructure are sufficient to offer the program.	No additional resource needs projected.	\$0
Student Support	Existing student support resources will be adequate for the proposed program.	No additional resource needs projected.	\$0

3. Master Plan Priorities: The following aspects of the proposal directly address priorities or goals of the statewide attainment goal and 2030 Master Plan.

- Accessibility: All courses required of the proposed graduate program will be offered online to accommodate working adults.
- Affordability: All software required for the program is available through the department's online resources reducing the costs for students by eliminating the need to purchase expensive software. The department promotes a textbook rental program.
- Partnerships: Southeastern continues to have a strong partnership with DXC Technology in New Orleans, and also partners with Envoc, CGI, and IBM through the department's Industry Advisory Board and on the employment pipeline.
- Work-based Learning: The program is designed to fit the schedules of working professionals allowing those who may be 5-10 years past completion of the undergraduate degree to complete the degree while continuing in their career path.
- Other program attributes that contribute to closing the achievement gap with underserved populations: The program's online format with flexible scheduling and measures to ensure affordability will support the region's adult population seeking to build their careers in the field.

Staff Analysis

When addressing the need for the program, external reviewer Dr. Cronin stated that "the demand from industry to employ students with a technical background in the network and computing field is at best, insatiable." He also indicated that while there are several computer technology programs in the state, SLU's proposed program is unique in its focus on network and system administration. While hiring faculty may be a

challenge as is the case with all similar programs, SLU has indicated it will focus on building endowed professorships to aid in faculty recruitment and will ensure competitive salaries in line with industry standards.

STAFF RECOMMENDATION

Senior Staff recommends approval of the proposed Master of Science in Computer Networking and Administration (CIP 11.0101) at Southeastern Louisiana University with a progress report due October 1, 2023.

AGENDA ITEM V.A.

Degree Program Proposals and Academic Planning Update

Staff Summary

In October 2021, the Board approved several improvements to the academic degree program approval policy. This included the elimination of the Letter of Intent, the addition of an annual Academic Planning process, and other changes to improve the efficiency and effectiveness such as staff authority to approve certificate programs, the addition of associate degrees to the statewide proposal review process, and the separation of our research unit policy from the degree program policy. The Board also authorized staff to develop the forms and procedures to implement these policy changes.

Over the past several months, Regents staff have been working with system and campus Chief Academic Officers to revise the degree program proposal form and create the new academic planning template. The aim of the revised program proposal form is to aid faculty as they design new programs and staff in analyzing proposed programs, to ensure that they are well aligned with the goals of the Master Plan and Louisiana's workforce needs. The form requires additional detail on program structure, how the design addresses affordability and student success, and how it will prepare students for the various careers available to them. The form also provides a detailed breakdown of the resources required for program implementation. The new academic planning forms have been designed to provide a broad picture of institutional plans for the management of their academic program inventories and how those plans align with institutional, regional, and Master Plan goals.

Over the next several months, Regents staff will work with institutions in the transition to the new proposal form and academic planning process. The review and presentation of academic plans to the Board will align with the annual budget process in the fall.

STAFF RECOMMENDATION

This item is for informational purposes only. No action is required.

Collis B. Temple, III
Chair

Gary N. Solomon, Jr.
Vice Chair

Sonia A. Pérez
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AGENDA
RESEARCH AND SPONSORED INITIATIVES COMMITTEE

Wednesday, April 27, 2022
11:30 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase, Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

- I. Call to Order
- II. Roll Call
- III. Cybersecurity Education Management Council and Louisiana Cybersecurity Talent Initiative Fund
- IV. FY 2021-22 Board of Regents Support Fund Award Recommendations
- V. Other Business
- VI. Adjournment

Committee Members: Felix R. Weill, Chair; Phillip R. May, Jr., Vice Chair; Stephanie A. Finley; Darren G. Mire; T. Jay Seale III; Gary N. Solomon, Jr.
Staff: Carrie Robison, Deputy Commissioner for Sponsored Programs

Agenda Item III.

Cybersecurity Education Management Council and Louisiana Cybersecurity Talent Initiative Fund

Background

Act 57 of the 2020 Regular Legislative Session commissioned the Cybersecurity Education Management Council (CEMC) and created the Louisiana Cybersecurity Talent Initiative Fund. As cyber threats persist across every industry sector and domain and cyberattacks on critical infrastructure raise state and national security concerns, confronting these threats demands a knowledgeable and highly trained workforce. However, the state and nation face a critical shortage of security professionals for current and near-term challenges. In response the CEMC, under the auspices of the Louisiana Board of Regents, is tasked with “advising and making recommendations to the board with respect to distributions from the fund,” and annually “review[ing] the list of degree and certificate programs upon which the distribution is based and the final distribution amounts.”

The purpose of the Louisiana Cybersecurity Talent Initiative Fund (CTIF) is to provide a mechanism for donations and/or appropriations of funding to support the development of degree and certificate programs in cybersecurity fields offered by public postsecondary education institutions. The goal of the fund is to develop, train, produce, and retain Louisiana’s workforce-ready cybersecurity professionals and improve cybersecurity literacy across industry sectors through programmatic support to institutions.

Process and Timeline for the Cybersecurity Talent Initiative Fund Distribution of Dollars

A Request for Applications (RFA) is released annually to solicit innovative solutions from Louisiana’s public postsecondary institutions. Key topics included in the RFA are project requirements, metrics and reporting, project tracks, eligibility, and the application review process. The CEMC members discussed the 2021-22 Request for Applications (RFA) during its October 2021 and January 2022 quarterly meetings. The 2022-23 RFA added a sustainability element for programs that were previously funded.

The FY 2022-23 timeline for soliciting, reviewing, making funding recommendations, and distributing CTIF funds is as follows:

- February 15, 2022 – Request for Applications (RFA) released
- April 1, 2022 – Deadline for questions regarding the RFA
- April 18, 2022 – Application submission deadline
- April 19-May 4, 2022 – Applications evaluated by CEMC members using scoring rubrics aligned with program priorities and objectives and published in the RFA
- May 5, 2022 – CEMC meets to review score results and render decisions on applications
- May-June 2022 – Agreements negotiated and executed with selected institutions

As of the April 18 submission deadline, six campuses submitted one proposal each, requesting a total of \$1,359,201. Of the six submissions, five are requests to sustain previously funded projects. Proposal submissions include:

Campus	Total Requested	New/Sustained Program
Bossier Parish Community College	\$66,040	Sustained
Fletcher Technical Community College	\$312,735	New

LSU Alexandria	\$62,225	Sustained
LSU A&M	\$344,397	Sustained
Louisiana Tech	\$331,623	Sustained
Southern A&M	\$242,181	Sustained

STAFF RECOMMENDATION

Senior Staff recommends funding be provided from the Cybersecurity Talent Initiative Fund for applications selected by the Cybersecurity Education Management Council (CEMC) during its May 5 meeting, with a report to be provided to the Board in June on applications selected for funding.

AGENDA ITEM IV.

FY 2021-22 Board of Regents Support Fund Award Recommendations

SECTION A: INTRODUCTION

A.1 Constitutionally Prescribed Program Components

The Constitution specifies that the Board of Regents Support Fund (BoRSF) may be used to support “any or all” of the following activities:

- a. The carefully defined research efforts at public and private universities in Louisiana;
- b. The endowment of chairs for eminent scholars;
- c. The enhancement of the quality of academic, research or agricultural departments or units within a university; and
- d. The recruitment of superior graduate students.

A.2 FY 2021-22 Board of Regents Support Fund Plan and Budget

a. Projected Budget and Funds Available

On January 6, 2021, the Board of Regents adopted the FY 2021-22 Plan and Budget for the BoRSF, which was later approved by the Governor and the Legislature. Based on Revenue Estimating Conference (REC) projections, the Plan and Budget allocated \$20,000,000 across Support Fund components as follows:

FY 2021-22 Support Fund Budget As Set Forth in the Board’s Annual Plan and Budget	
Endowment of Chairs for Eminent Scholars	\$ 2,020,000
Research and Development	\$ 5,371,047
Enhancement of the Quality of Departments/Units	\$10,243,084
Recruitment of Superior Graduate Students	\$ 1,767,500
Board of Regents Administrative Expenses	\$ 598,369
Total Funds Budgeted	\$20,000,000

a. Actual Funds Available

Since approval of the FY 2021-22 BoRSF Plan and Budget in January 2021, the REC has issued several opinions relative to the amount of money projected to be available for higher education’s portion of the Support Fund. The most recent adopted estimate, released in January 2022, was \$20,850,000. This projection exceeds the \$20,000,000 budget as approved by the legislature and the governor, indicating no reductions in BoRSF program funding levels are needed.

The recommendations below reflect the programmatic distribution of available funds across BoRSF components. Note that recommendations encompass only first-year award amounts; additional monies from FY 2021-22 were committed for multi-year projects approved by the Board in previous fiscal years, as well as federal matching obligations, professional services for proposal review, and administrative costs for the Support Fund.

SECTION B: ENDOWED CHAIRS FOR EMINENT SCHOLARS COMPONENT

B.1 Competitive Endowed Chairs

Thirteen (13) proposals were submitted from seven (7) campuses and deemed eligible for funding consideration this year under the Competitive subprogram. Nine (9) proposals requested \$400,000 each from the Support Fund to endow \$1 million chairs or additional increments of existing chairs; three (3) proposals requested \$800,000 to endow \$2 million chairs; and one (1) proposal requested \$1,200,000 to endow a \$3 million chair.

B.2 Restricted Bequest Endowed Chairs

No requests for matching of restricted bequests were submitted in FY 2021-22.

B.3 Summary of the Endowed Chairs for Eminent Scholars Program

The thirteen (13) Endowed Chairs proposals requested a total of \$7,200,000 in matching funds from the Support Fund. All disciplines were eligible to apply. A team of out-of-state consultants assessed and ranked the proposals using the guidelines and scoring rubric provided in the Board's RFP and subprogram policy. (See **Appendix A** for the rank-order list of FY 2021-22 Endowed Chairs proposals and **Appendix B** for a summary of all competitive endowment proposals recommended for funding.)

It should be noted that the following stipulation in the Board's Endowed Chairs policy is relevant to proposals submitted in the Competitive subprogram: "...When requests exceed funds available, the following limitations apply relative to the amount of money that will be awarded per campus under the competitive program: (a) each public campus will be limited to \$1.2 million per fiscal year; and (b) all LAICU campuses combined will be limited to a total of \$1.2 million per fiscal year."

The \$2,020,000 projected in the FY 2021-22 Plan and Budget to be available in the Endowed Chairs for Eminent Scholars subprogram includes \$20,000 for consultants, with \$2,000,000 remaining for endowment match. This amount will enable funding for proposals ranked 1 through 5 in the Competitive subprogram.

STAFF RECOMMENDATION

Senior Staff recommends provision of Support Fund money at levels requested to complete the endowments for proposals ranked 1-5 in the Consultants' Report (i.e., proposals 007EC, 005EC, 008EC, 001EC and 003EC). (See Appendix A.)

SECTION C: ENHANCEMENT OF THE QUALITY OF DEPARTMENTS OR UNITS COMPONENT

C.1 Recommended New Departmental Enhancement Projects

The \$10,243,084 figure cited in the FY 2021-22 Plan and Budget for Enhancement included the following distributions:

Prior Commitments	
Departmental Enhancement, including BoR/SREB	\$2,180,662
Federal Matching Grants	\$1,675,000
New Awards	
Federal Matching Grants	\$ 250,000
Endowed Two-Year Workforce Scholarships	\$1,000,000
Endowed Professorships	\$2,000,000
Departmental Enhancement, including BoR/SREB	<u>\$3,137,422</u>
TOTAL	\$10,243,084

The eligible disciplines in Departmental Enhancement in FY 2021-22 included Engineering B (Industrial, Materials, Mechanical, etc.), Biological Sciences, Health & Medical Sciences, Physics, Social Sciences, Humanities, Agricultural Sciences, Astronomy, and Non-Disciplinary-Based Workforce.

In the winter of 2021 and spring of 2022, nine teams of out-of-state subject-area experts reviewed, evaluated and ranked the Departmental Enhancement proposals within similar disciplines. Disciplinary assessments were then forwarded to a panel of experts with broad academic and administrative experience, for final rating, ranking, and funding recommendations. The final panel considered all aspects of the proposals recommended for funding, but emphasized the overall impact of the investment on academic and research capacities in Louisiana, as well as alignment of proposed activities with the submitting campus's role, scope, mission and strategic priorities.

Departmental Enhancement	Number of Proposals Submitted	First-Year Funds Requested	Number of Proposals Recommended	First-Year Awards Recommended
Comprehensive-Multiyear	17	\$ 4,827,319	3	\$ 844,843
Targeted-One Year	<u>91</u>	<u>\$10,579,270</u>	<u>18</u>	<u>\$ 2,285,074</u>
TOTAL	108	\$15,406,589	21	\$3,129,917

STAFF RECOMMENDATION

Senior Staff recommends the \$3,129,917 available and recommended for expenditure shall be awarded in the rank order, at the funding levels, and with the funding stipulations recommended by consultants (See Appendix C):

Comprehensive-Multiyear: Ranks 1-3

Targeted-One Year: Ranks 1-18

C.2 BoR/Southern Regional Education Board Doctoral Support Initiative to Promote Student and Faculty Diversity

Five (5) institutions submitted a total of five (5) proposals requesting funds for the support of 19 BoR/SREB doctoral support slots in the FY 2021-22 competitive cycle. (See **Appendix C.**) A total of \$332,500 in first-year funds was requested. The external consultant recommended support for all five (5) proposals, for a total first-year allocation of \$175,000. Funding will begin in FY 2022-23. Annual funding totals for recommended projects are:

FY 2022-23	\$175,000
FY 2023-24	\$150,000
FY 2024-25	\$150,000

STAFF RECOMMENDATION

Senior Staff recommends approval of funding for five (5) proposals, ranked 1-5, submitted in the FY 2021-22 cycle to the BoR/SREB Doctoral Support Initiative for the durations and at the levels recommended. (See Appendix C.)

Appendix D summarizes by campus the Priority I recommendations for new projects under Departmental Enhancement.

C.3 Endowed Professorships (including First-Generation Undergraduate Scholarships)

The BoRSF Endowed Professorships subprogram requires the submitting college or university to raise funds at prescribed levels from external sources, which are matched by Support Fund dollars to establish an endowed professorship or first-generation scholarship. In FY 2021-22, campuses had the option to submit requests for endowed professorships, first-generation undergraduate scholarships, or both. The subprogram policy guarantees a total of two matching slots of any type to each eligible campus. In November 2016, the Board of Regents approved a change in the match rate from \$40,000 for a \$60,000 non-State contribution, to \$20,000 for an \$80,000 non-State contribution. Campuses were permitted to submit requests at the previous matching level through June 30, 2017, resulting in a large number of slots needing \$40,000 in match, along with new slots at the \$20,000 match rate submitted beginning in FY 2017-18. Additional provisions have been made to extend the 60%/40% match rate in certain circumstances, including for incremental donations to these programs for which the donor intended the campus to seek BoRSF match and began contributions prior to November 2, 2016 and for any campus with fewer than 15 BoRSF-matched Endowed Professorships and/or First-Generation Scholarships.

The FY 2021-22 Support Fund Plan and Budget allocates a total of \$2,000,000 to the Endowed Professorships subprogram. With all requests validated, the Board received by the March 31, 2022 deadline applications for 170 matching slots from 20 campuses, requiring a combined total of \$5,400,000 in BoRSF matching funds. Each eligible submitting campus will receive funding for a maximum of eight \$40,000 slots and one \$20,000 slot (\$340,000), totaling \$1,980,000, to enable match for 76 new Endowed Professorship and First-Generation Scholarship slots based on rank orders submitted by the campuses (See **Appendix E**). A complete list of Endowed Professorships applications submitted for funding consideration in FY 2021-22 appears in **Appendix F**.

STAFF RECOMMENDATION

Senior Staff recommends approval of \$1,980,000 from the Support Fund for the Endowed Professorships subprogram, including First-Generation Undergraduate Scholarships, to match new and prior-year requests at 20 campuses. (See Appendix E.)

C.4 Endowed Two-Year Student Workforce Scholarships

The competitive Endowed Two-Year Student Workforce Scholarships subprogram provides scholarship opportunities for two-year campuses to prepare students for the Louisiana workforce in the following ways: (a) train students for immediate entrance into selected, high-demand, four- and five-star jobs, including positions in nursing and allied health; and/or (b) prepare students to become job-ready in STEM fields after completing degrees on four-year campuses. Non-State contributions combined with BoRSF matching yield permanent endowments.

The FY 2021-22 Support Fund Plan and Budget allocates a total of \$1,000,000 to the Two-Year Student Workforce Scholarships subprogram, to be awarded on a competitive basis. With all requests validated, the Board has received applications for the matching of 30 scholarships, requesting BoRSF funding of \$790,000 (See **Appendix G**). It was determined that a competitive review was not needed and all requests should be

recommended for funding. (See **Appendix B** for a summary of all competitive endowment proposals recommended for funding.)

STAFF RECOMMENDATION

Senior Staff recommends approval of \$790,000 from the Support Fund to match thirty (30) applications submitted in FY 2021-22 under the Endowed Two-Year Workforce Scholarships subprogram. (See Appendix G.)

SECTION D: RESEARCH AND DEVELOPMENT COMPONENT

D.1 Continuation of Previously Funded Research and Development (R&D) Projects and Other Prior Commitments

The \$5,371,047 cited in the FY 2021-22 Plan and Budget as being available for Research and Development (R&D) includes \$3,071,047 in prior commitments needed for Support Fund R&D awards approved in previous years, as well as approximately \$135,000 in consultants' costs for the FY 2021-22 R&D review process.

D.2 Recommended New Research and Development Projects

The R&D component of the BoRSF includes the Research Competitiveness Subprogram (RCS), the Industrial Ties Research Subprogram (ITRS) with Proof-of-Concept/Prototyping (PoC/P) component, and the Awards to Louisiana Artists and Scholars (ATLAS) subprogram. RCS solicits proposals that strengthen the research foundations and competitiveness of Louisiana colleges and universities and help to promote long-term economic development. ITRS and PoC/P target proposals that support research with significant near-term potential for the development and diversification of Louisiana's economic base. ATLAS supports completion of major scholarly and artistic endeavors from the arts, humanities, and social sciences with potential for broad impact at State, regional, national and/or international levels.

Eligible disciplines in RCS for FY 2021-22 are Biological Sciences, Computer/Information Sciences, Earth & Environmental Sciences, Chemistry, Engineering B (industrial, materials, and mechanical), and Health & Medical Sciences. ITRS with PoC/P invites ideas for applied research projects that promote near-term economic development in the State; accordingly the five high-priority industry sectors – Advanced Manufacturing & Materials, Clean Technology & Energy, Coastal & Water Management, Digital Media & Enterprise Software, and Life Sciences & Bioengineering – are targeted for support, though other disciplines may apply provided the project can demonstrate a significant potential economic benefit to Louisiana. ATLAS accepts proposals in all arts, humanities and social sciences areas.

From November 2021 through March 2022, 41 subject-area reviewers and 11 final panel members across four panels reviewed, evaluated, and ranked research proposals according to the Board's RFP guidelines and evaluation criteria. The following table summarizes consultants' recommendations across the four R&D subprograms/components (See **Appendix H**):

R&D Subprogram	Number of Proposals Submitted	First-Year Funds Requested	Number of Proposals Recommended	First-Year Awards Recommended
Research Competitiveness Subprogram	92	\$ 4,620,672	35	\$ 1,580,209
ITRS Industrial Ties	26	\$ 2,361,543	6	\$ 480,342
ITRS Proof-of-Concept/Prototyping	12	\$ 473,906	3	\$ 119,998
Awards to LA Artists and Scholars	<u>50</u>	<u>\$ 2,128,102</u>	<u>12</u>	<u>\$ 543,794</u>
TOTAL	180	\$9,584,223	56	\$ 2,724,343

STAFF RECOMMENDATIONS

Senior Staff recommends approval of disbursement of \$2,318,077 estimated to be available in FY 2021-22 to fund the first year of new RCS, ITRS, PoC/P, and ATLAS projects as follows:

1. Research Competitiveness Subprogram: \$1,322,183
2. Industrial Ties Research Subprogram: \$600,340
 - A. Industrial Ties: \$480,342
 - B. Proof-of-Concept/Prototyping Initiative: \$119,998
3. Awards to Louisiana Artists and Scholars: \$395,554

Approved R&D proposals shall be funded at the levels and with the stipulations recommended by consultants; Support Fund money shall be awarded to fund at recommended levels the top thirty (30) RCS proposals, six (6) ITRS proposals, three (3) PoC/P proposals, and nine (9) ATLAS proposals. In addition, the following principles shall apply: (1) should an institution refuse or be denied an award, or should FY 2021-22 money be returned from previously funded R&D contracts, that money shall be offered to the next-ranked proposal which the consultants recommended for Priority I funding within the respective subprogram (ranks 31-35 in RCS and ranks 10-12 in ATLAS), subject to availability of funds; (2) if the remaining money in the budget for a particular component is insufficient to fully fund the next-ranked recommended proposal for that component, the remaining funds shall constitute the total award for that proposal; and (3) if there are no remaining Priority I proposals in a particular subprogram the money shall be awarded in descending rank order to Priority I proposal(s) in another R&D subprogram in accordance with restrictions applicable to allocation of funds for multi-year projects. Should the amount of money ultimately available to fund first-year activities in all R&D projects be less than the \$2,318,077 disbursed herein, adherence to the following principles shall be uniformly enforced: R&D Priority I proposals shall be funded in rank order at the levels and the durations and with the stipulations recommended by consultants until the funds designated for each component have been exhausted. (See Appendix H.)

Appendix I includes a summary, by campus and R&D subprogram, of new projects recommended for funding.

SECTION E: RECRUITMENT OF SUPERIOR GRADUATE STUDENTS COMPONENT

E.1 Endowed Superior Graduate Student Scholarships

The Endowed Superior Graduate Student Scholarships subprogram matches non-State contributions of at least \$60,000 with \$40,000 from the BoRSF to create endowed scholarships that may be used in support of graduate and first-professional students as well as post-doctoral fellows. Higher levels of non-State contributions, in minimum increments of \$60,000, may be matched with additional \$40,000 contributions from the Support Fund. The initial corpus of the endowment must remain intact, while income above the corpus may be used to benefit the student recipient in the form of scholarships, fellowships, and/or experiential opportunities, including internships, externships, conference travel, and field work.

The following stipulation in the Board's Endowed Superior Graduate Student Scholarships program policy is relevant to proposals submitted in this cycle: "...Louisiana State University and A&M College, due to its distinctive public flagship status, may receive a maximum of 50% of subprogram funds budgeted...; each submitting campus with a five-year average total graduate and first professional student enrollment of 1,000 or more may receive a maximum of 30% of subprogram funds...; and each submitting campus with a five-year average total graduate and first professional student enrollment of less than 1,000 or with post-doctoral fellow positions but no student enrollment may receive a maximum of 20%."

The FY 2021-22 Support Fund Plan and Budget allocates a total of \$1,010,000 to the Endowed Superior Graduate Student Scholarships subprogram, including \$10,000 for competitive review, with the remaining \$1,000,000 to be awarded on a competitive basis. With all requests validated, the Board has received applications from seven campuses for the matching of seventy (70) scholarships, requesting BoRSF funds of \$6,920,000. A rank-order list of applications appears in **Appendix J** (See **Appendix B** for a summary of all competitive endowment proposals recommended for funding.)

STAFF RECOMMENDATION

Senior Staff recommends approval of \$1,000,000 from the Support Fund to match fourteen (14) applications, ranked 1-13, submitted in FY 2021-22 under the Endowed Superior Graduate Student Scholarships subprogram. (See Appendix J.)

SECTION F: CONTINGENCY PLAN FOR BUDGETARY SHORTFALL

STAFF RECOMMENDATION

Senior Staff recommends approval of the following contingency plan for a budgetary shortfall: should the final FY 2021-22 Support Fund budget not achieve the amount cited herein, any shortfall shall be accommodated through a proportionate reduction in the amounts allocated for proposals in the competitive non-endowment Enhancement and Research and Development program components.

SECTION G: CAMPUS SUCCESS RATES

Appendix K contains a chart that summarizes – by campus and program – the number of proposals submitted to competitive Support Fund components, proposals recommended for funding, and first-year and total funding recommended for all Priority I proposals during the FY 2021-22 BoRSF competitive cycle.

APPENDIX A

BoRSF Endowed Chairs for Eminent Scholars Program
Priority I Proposals Recommended for Funding by Out-of-State Consultants
For the FY 2021-22 Review Cycle

Competitive Subprogram

Rank	Proposal Number	Institution	Title of Chair	BoRSF Match Recommended
1	007EC-22	Tulane University	Charlotte Beyer Hubbell Chair in River-Coastal Science and Engineering	\$400,000
2	005EC-22	Louisiana State University and A&M College	Marjory B. Ourso Distinguished Chair of Accounting Systems #2	\$400,000
3	008EC-22	Tulane University Health Sciences Center	Lawrence E. Lerner Presidential Chair in Aging	\$400,000
4	001EC-22	LSU Ag Center	American Sugar Cane League Endowed Chair in Sugarcane Production	\$400,000
5	003EC-22	Louisiana State University and A&M College	Dr. Charles M. Smith Endowed Chair in Medical Physics #2	\$400,000

Proposals Submitted:	13
Total Funds Requested:	\$7,200,000

APPENDIX B

Board of Regents Support Fund (BoRSF)
Competitive Endowment Subprograms Summary of Priority I Recommendations, FY 2021-22

Institution	Endowed Chairs				Endowed Graduate Scholarships				Endowed Two-Yr Workforce Scholarships				Total Proposals		
	Submitted	Recm.	Total Award		Submitted	Recm.	Total Award		Submitted	Recm.	Total Award		Submitted	Recm.	Total Award
BRCC									1	1	\$40,000		1	1	\$40,000
BPCC									4	4	\$130,000		4	4	\$130,000
Centenary															
Central Louisiana															
Delgado									2	2	\$30,000		2	2	\$30,000
Dillard															
Fletcher									1	1	\$20,000		1	1	\$20,000
FMOLU															
Grambling															
Louisiana Christian U															
LCTCS															
Louisiana Delta															
LSU - Ag Center	1	1	\$400,000										1	1	\$400,000
LSU - Alexandria															
LSU and A&M	4	2	\$800,000		42	4	\$480,000						46	6	\$1,280,000
LSU - Eunice									4	4	\$100,000		4	4	\$100,000
LSU - Pennington															
LSU - Shreveport															
LSU Health Sci. Ctr.-NO	1	0	\$0		10	4	\$280,000						11	4	\$280,000
LSU Health Sci. Ctr.-S															
Louisiana Tech					5	2	\$80,000						5	2	\$80,000
Loyola															
LUMCON															
McNeese															
Nicholls															
Northshore									1	1	\$10,000		1	1	\$10,000
Northwestern					3	0	\$0						3	0	\$0
Nunez									2	2	\$30,000		2	2	\$30,000
River Parishes									3	3	\$100,000		3	3	\$100,000
St. Joseph Seminary															
South Louisiana									8	8	\$200,000		8	8	\$200,000
Southeastern Louisiana															
Southern and A&M															
Southern - New Orleans															
Southern - Shreveport															
SOWELA									4	4	\$130,000		4	4	\$130,000
Tulane	1	1	\$400,000										1	1	\$400,000
Tulane Health Sci. Center	2	1	\$400,000										2	1	\$400,000
University of Holy Cross					1	1	\$40,000						1	1	\$40,000
UL - Lafayette	2	0	\$0		2	1	\$40,000						4	1	\$40,000
UL - Monroe	2	0	\$0		7	2	\$80,000						9	2	\$80,000
UNO															
Xavier															
TOTALS	13	5	\$2,000,000		70	14	\$1,000,000		30	30	\$790,000		113	49	\$3,790,000

APPENDIX C

Board of Regents Support Fund Departmental Enhancement: Comprehensive FY 2021-22 Review Cycle
Priority I Proposals Recommended by Out-of-State Consultants

Rank	Proposal Number	PI Name	Institution	Project Title	Primary Discipline	Duration (Yrs)	Amount Recommended					Cumulative Y1
							Year 1	Year 2	Year 3	Year 4	Year 5	
1	005ENH-22	Ann Carruth	Southeastern Louisiana University	Hospital at Home Multidisciplinary Simulation Center	Health and Medical Sciences	5	\$299,960	\$197,304	\$47,000	\$98,700	\$105,550	\$299,960
2	016ENH-22	Xiao-Dong Zhou	University of Louisiana at Lafayette	Comprehensive Enhancement to Integrate and Elevate Materials Research and Education at University of Louisiana at Lafayette	Engineering B	5	\$258,897	\$148,910	\$165,028	\$154,944	\$135,902	\$558,857
3	002ENH-22	Qinglin Wu	LSU Agricultural Center	Enabling the LSU AgCenter Louisiana Institute for Bioproducts and Bioprocessing (LIBBi) for Bioeconomy Development in Louisiana	Agricultural Sciences	5	\$285,986	\$186,152	\$187,031	\$194,222	\$146,474	\$844,843

Total Number of Proposals Submitted	17
Total Funds Requested for First Year	\$1,102,089
Total Funds Requested for Second Year	\$0
Total Funds Requested for Third Year	\$0
Total Funds Requested for Fourth Year	\$0
Total Funds Requested for Fifth Year	\$0
Total Funds Requested	\$1,102,089
Total Number of Proposals Recommended	3
Total Funds Recommended for First Year	\$844,843.00
Total Funds Recommended for Second Year	\$532,366.00
Total Funds Recommended for Third Year	\$399,059.00
Total Funds Recommended for Fourth Year	\$447,866.00
Total Funds Recommended for Fifth Year	\$387,926.00
Total Funds Recommended	\$2,612,060.00

Board of Regents Support Fund Departmental Enhancement: Targeted FY 2021-22 Review Cycle
Priority I Proposals Recommended by Out-of-State Consultants

Rank	Proposal Number	PI Name	Institution	Project Title	Primary Discipline	Amount Recommended	Cumulative
1	095ENH-22	Douglas Williams	University of Louisiana at Lafayette	Improving Engineering Education and the Pipeline of Engineering Majors Through a Preservice Teacher Bioinspired Engineering Maker Space and Curricular Enhancements	Engineering B	\$94,476	\$94,476
2	053ENH-22	Zhuang Li	McNeese State University	Enhancement of Education in Engineering Measurements	Engineering B	\$76,050	\$170,526
3	062ENH-22	Tammy Curtis	Northwestern State University	Digital Radiography Imaging System to Enhance Simulation Training for Radiologic Science at Northwestern State University	Health & Medical	\$116,200	\$286,726
4	037ENH-22	Richard Kurtz	Louisiana State University and A&M College	In situ size and shape characterization with a multifunctional sample environment for small-angle X-ray scattering at CAMD	Physics	\$176,392	\$463,118
5	104ENH-22	Lothar Birk	University of New Orleans	Subtractive Rapid Prototyping of 3D Free-Form Shapes and Molds	Engineering B	\$199,372	\$662,490
6	057ENH-22	Allyse Ferrara	Nicholls State University	Enhancement of First-Year General Biology Laboratory Experience for Science Majors	Biological Sciences	\$108,181	\$770,671
7	048ENH-22	Adarsh Radadia	Louisiana Tech University	Enhancing Materials Science Research, Education, and Training with Atomic Force Microscopy	Engineering B	\$160,000	\$930,671
8	034ENH-22	Deborah Goldgaber	Louisiana State University and A&M College	Embedding Ethics in STEM @ LSU	Humanities	\$103,900	\$1,034,571
9	035ENH-22	Achim Herrmann	Louisiana State University and A&M College	Acquisition Of A Laser Induced Breakdown Spectroscopy Instrument For Fundamental And Applied Research In The Agricultural Sciences	Agricultural Sciences	\$190,611	\$1,225,182
10	082ENH-22	Melanie Lamotte	Tulane University	Struggle for Freedom: The Surprising Story of Furcy Madeleine	Humanities	\$43,485	\$1,268,667
11	068ENH-22	Brandi Decoux	Southeastern Louisiana University	Enhancing Student Experiences Through the Use of Human Movement Analyses in the KHS Biomechanics and Motor Behavior Laboratory	Health & Medical	\$122,396	\$1,391,063
12	084ENH-22	William Rothwell	Tulane University Health Sciences Center	Performance Enhancement through Simulation Training for Residents	Health & Medical	\$196,114	\$1,587,177

Rank	Proposal Number	PI Name	Institution	Project Title	Primary Discipline	Amount Recommended	Cumulative
13	065ENH-22	Adonay Sissay	Northwestern State University	Equipping Honors Physics Laboratory with Essential Tools	Physics	\$19,488	\$1,606,665
14	061ENH-22	Darcey Wayment	Nicholls State University	Using a liquid chromatograph mass spectrometer [LCMS] to enhance learning in the agricultural, chemical and biological sciences	Agricultural Sciences	\$173,700	\$1,780,365
15	106ENH-22	Bernard Rees	University of New Orleans	Multidisciplinary Research and Education in Cellular and Mitochondrial Energetics	Biological Sciences	\$172,981	\$1,953,346
16	100ENH-22	Susan Lacey	University of Louisiana at Monroe	The Anatomage Clinical Table: Bringing Pathophysiology and Clinical Care to Life	Health & Medical	\$60,800	\$2,014,146
17	083ENH-22	Jiang Wei	Tulane University	A fabrication and characterization system of quantum materials to enhance materials science and engineering research and education at Tulane	Physics	\$199,881	\$2,214,027
18	078ENH-22	Harry Russell	Southern University at New Orleans	Enhancing Departmental Infrastructure for Online Capability Capacity Expertise and Broadened Participation	Social Sciences	\$71,047	\$2,285,074

Total Number of Proposals Submitted	91
Total Funds Requested	\$10,579,270
Total Number of Proposals Recommended	18
Total Funds Recommended	\$2,285,074

**Board of Regents Support Fund
BoR/SREB Doctoral Support Initiative to Promote Student and Faculty Diversity
for the FY 2021-22 Review Cycle**

Priority I Proposals Recommended for Funding by Out-of-State Consultant

Rank	Proposal#	Proposal Title	Institution	PI Name(s)	Duration (Years)	Funds Recommended	BoRSF Cumulative 1st-Year Amount
1	005SREB-22	BoR/SREB Doctoral Scholar Fellowships at the University of Louisiana at Lafayette	University of Louisiana at Lafayette	Mary Farmer-Kaiser	1 2 3 TOTAL	\$ 52,500 \$ 45,000 <u>\$ 45,000</u> \$142,500	\$52,500
2	004SREB-22	Board of Regents Doctoral Fellowships at Tulane University	Tulane University	Michael Cunningham	1 2 3 TOTAL	\$ 52,500 \$ 45,000 <u>\$ 45,000</u> \$142,500	\$105,000
3	001SREB-22	Board of Regents Graduate Fellow Program 2022-25	Louisiana State University and A&M College	James Spencer	1 2 3 TOTAL	\$ 35,000 \$ 30,000 <u>\$ 30,000</u> \$ 95,000	\$140,000
4	003SREB-22	Southern University – SREB/Board of Regents Fellowship Program	Southern University and A&M College	Patrick Mensah	1 2 3 TOTAL	\$ 17,500 \$ 15,000 <u>\$ 15,000</u> \$ 47,500	\$157,500
5	002SREB-22	Increasing Diversity in Doctoral Populations at Louisiana Tech University 2022-25	Louisiana Tech University	Bala Ramachandran	1 2 3 TOTAL	\$ 17,500 \$ 15,000 <u>\$ 15,000</u> \$ 47,500	\$175,000

**Summary of Priority I Proposals Submitted to the BoR/SREB Graduate Fellowships to Promote Diversity Program
for the FY 2021-22 Review Cycle**

Proposals Submitted	Proposals Recommended	Total First-Year Funds Requested	Total Funds Requested	Total First-Year Funds Recommended	Total Funds Recommended	Total First-Year Funds Budgeted
5	5	\$332,500	\$997,500	\$175,000	\$475,000	\$175,000

APPENDIX D

Board of Regents Support Fund (BoRSF)
Departmental Enhancement Summary of Priority I Recommendations, FY 2021-22

Institution	Dept. Enhancement: Comprehensive*				Departmental Enhancement - Targeted				BoR/SREB Doctoral Student Support*				Total Proposals			
	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award
BRCC																
BPCC																
Centenary					2	0	\$0	\$0					2	0	\$0	\$0
Central Louisiana																
Delgado																
Dillard					1	0	\$0	\$0					1	0	\$0	\$0
Fletcher					1	0	\$0	\$0					1	0	\$0	\$0
FMOLU																
Grambling					1	0	\$0	\$0					1	0	\$0	\$0
Louisiana Christian U	1	0	\$0	\$0	2	0	\$0	\$0					3	0	\$0	\$0
LCTCS																
Louisiana Delta																
LSU - Ag Center	1	1	\$285,986	\$999,865	3	0	\$0	\$0					4	1	\$285,986	\$999,865
LSU - Alexandria																
LSU and A&M	1	0	\$0	\$0	11	3	\$470,903	\$470,903	1	1	\$35,000	\$95,000	13	4	\$505,903	\$565,903
LSU - Eunice																
LSU - Pennington																
LSU - Shreveport					5	0	\$0	\$0					5	0	\$0	\$0
LSUHSC-NO																
LSUHSC-S					1	0	\$0	\$0					1	0	\$0	\$0
Louisiana Tech					7	1	\$160,000	\$160,000	1	1	\$17,500	\$47,500	8	2	\$177,500	\$207,500
Loyola					1	0	\$0	\$0					1	0	\$0	\$0
LUMCON																
McNeese	1	0	\$0	\$0	3	1	\$76,050	\$76,050					4	1	\$76,050	\$76,050
Nicholls					6	2	\$281,881	\$281,881					6	2	\$281,881	\$281,881
Northshore																
Northwestern					5	2	\$135,688	\$135,688					5	2	\$135,688	\$135,688
Nunez																
River Parishes																
St. Joseph Seminary																
South Louisiana																
SELU	1	1	\$299,960	\$748,514	7	1	\$122,396	\$122,396					8	2	\$422,356	\$870,910
Southern and A&M					2	0	\$0	\$0	1	1	\$17,500	\$47,500	3	1	\$17,500	\$47,500
SUNO					5	1	\$71,047	\$71,047					5	1	\$71,047	\$71,047
SU Shreveport																
SOWELA																
Tulane	2	0	\$0	\$0	3	2	\$243,366	\$243,366	1	1	\$52,500	\$142,500	6	3	\$295,866	\$385,866
Tulane Health Sci. Center	4	0	\$0	\$0	3	1	\$196,114	\$196,114					7	1	\$196,114	\$196,114
University of Holy Cross																
UL - Lafayette	5	1	\$258,897	\$863,681	11	1	\$94,476	\$94,476	1	1	\$52,500	\$142,500	17	3	\$405,873	\$1,100,657
UL - Monroe					6	1	\$60,800	\$60,800					6	1	\$60,800	\$60,800
UNO	1	0	\$0	\$0	4	2	\$372,353	\$372,353					5	2	\$372,353	\$372,353
Xavier					1	0	\$0	\$0					1	0	\$0	\$0
TOTALS	17	3	\$844,843	\$2,612,060	91	18	\$2,285,074	\$2,285,074	5	5	\$175,000	\$475,000	113	26	\$3,304,917	\$5,372,134

APPENDIX E

**Endowed Professorships/First-Generation Scholarships Matching Requests: Allocation of BoRSF Funds by Campus/System
FY 2021-22 Submissions**

	FY 2021-22 EP/EFGS* Slots Requested	FY 2021-22 EP/EFGS* Slots Recommended	FY 2021-22 Funds Recommended
Louisiana Association of Independent Colleges and Universities (LAICU)			
Loyola	1 EFGS @ \$40,000	1 EFGS @ \$40,000	\$40,000
Tulane	2 EP @ \$20,000	2 EP @ \$20,000	\$40,000
TUHSC	2 EP @ \$20,000	2 EP @ \$20,000	\$40,000
System Total	5 (4 EP; 1 EFGS)	5 (4 EP; 1 EFGS)	\$120,000
LSU System (LSU)			
LSU Ag Center	7 EP @ \$20,000	7 EP @ \$20,000	\$140,000
LSU and A&M	81 EP	8 EP @ \$40,000**	\$340,000
	77 EP @ \$40,000	1 EP @ \$20,000***	
	4 EP @ \$20,000		
LSUHSCNO	6 EP @ \$20,000	6 EP @ \$20,000	\$120,000
LSUA	1 EP @ \$20,000	1 EP @ \$20,000	\$20,000
System Total	95 EP	23 EP	\$620,000
Louisiana Community and Technical College System (LCTCS)			
BPCC	2 EP @ \$40,000	2 EP @ \$40,000	\$80,000
FTCC	1 EFGS @ \$20,000	1 EFGS @ \$20,000	\$20,000
NTCC	1 EFGS @ \$20,000	1 EFGS @ \$20,000	\$20,000
RPCC	4 EFGS @ \$20,000	4 EFGS @ \$20,000	\$80,000
SLCC	2 EP @ \$40,000	2 EP @ \$40,000	\$80,000
System Total	10 (4 EP; 6 EFGS)	10 (4 EP; 6 EFGS)	\$280,000
Southern University System (LCTCS)			
SU A&M	2 EFGS @ \$20,000	2 EFGS @ \$20,000	\$40,000
SUSLA	2 EFGS @ \$20,000	2 EFGS @ \$20,000	\$40,000
System Total	4 EFGS	4 EFGS	\$80,000
University of Louisiana System (UL)			
GSU	31 (6 EP; 25 EFGS)	8 EP/EFGS @ \$40,000**	\$340,000
	13 (3 EP; 10 EFGS) @ \$20,000	1 EP/EFGS @ \$20,000**	
	21 (3 EP; 15 EFGS) @ \$40,000		
LA Tech	4 EP @ \$20,000	4 EP @ \$20,000	\$80,000
Northwestern	1 EP @ \$20,000	1 EP @ \$20,000	\$20,000
SLU	3 (1 EP; 2 EFGS) @ \$20,000	3 (1 EP; 2 EFGS) @ \$20,000	\$60,000
UL Monroe	2 (1 EP; 1 EFGS) @ \$20,000	2 (1 EP; 1 EFGS) @ \$20,000	\$40,000
UNO	15 (13 EP; 2 EFGS)	15 (13 EP; 2 EFGS)	\$340,000
	2 EP @ \$40,000	2 EP @ \$40,000	
	13 (11 EP; 2 EFGS) @ \$20,000	13 (11 EP; 2 EFGS) @ \$20,000	
System Total	56 (24 EP; 15 EFGS)	34 (22 EP; 12 EFGS)	\$880,000
STATEWIDE TOTAL	170	76	\$1,980,000

* EP = Endowed Professorship; EFGS = Endowed First-Generation Scholarship

** Based on submitted rank order, campus may use matching dollars per \$40,000 increment for one \$40,000 slot or two \$20,000 slots and for either endowment type

APPENDIX F

PROFESSORSHIP REQUESTS SUBMITTED MARCH 31, 2022

Institution BOSSIER PARISH COMMUNITY COLLEGE					
	Name of Professorship	Slots	Type	Donation	Match Sought
	AEP Foundation Endowed Professorship in Engineering	1	P	\$60,000	\$40,000
	AEP Foundation Endowed Professorship in Mathematics	1	P	\$60,000	\$40,000
Totals	2	2		\$120,000	\$80,000
Institution FLETCHER TECHNICAL COMMUNITY COLLEGE					
	Name of Professorship	Slots	Type	Donation	Match Sought
	Fletcher Foundation Endowed First Generation Scholarship	1	S	\$30,000	\$20,000
Totals	1	1		\$ 30,000	\$ 20,000
Institution GRAMBLING STATE UNIVERSITY					
	Name of Professorship	Slots	Type	Donation	Match Sought
	The University of Louisiana System Foundation and Diageo North America, Inc. Professorship for Women in S.T.E.M.	1	P	\$100,000	\$20,000
	The University of Louisiana System Foundation and Diageo North America, Inc. Professorship for Men in S.T.E.M	1	P	\$100,000	\$20,000
	Doug Williams Payback Endowed Scholarship	2	S	\$300,000	\$40,000
	The Shade Room First Generation Endowed Scholarship	1	S	\$180,000	\$20,000
	The Tiger Marching Band Endowed Scholarship	1	S	\$63,000	\$40,000
	Doris Moses Perseverance Scholarship	1	S	\$60,000	\$40,000
	Ben D. Johnson Endowed Scholarship Fund	2	S	\$140,041	\$80,000
	Lonnie B. Smith Endowed Scholarship	1	S	\$98,522	\$20,000
	Mr. Truitt Lowery & Mrs. Eleanor Wayne Lowery Endowed Student Scholarship	1	S	\$83,782	\$20,000
	Dr. Neari F. Warner Endowed Student Scholarship	10	S	\$1,000,000	\$380,000
	Ruston Alumni Chapter Family of Coach James Wicks Duncan, Sr. Endowed Scholarship	1	S	\$80,960	\$20,000
	Delta Sigma Theta-Delta Iota Endowment Scholarship	1	S	\$90,419	\$20,000
	SGA Centennial Campaign Endowed Scholarship	2	S	\$135,162	\$60,000
	Reverend E. Edward Jones, Sr. & Mrs. Leslie A. Jones Endowed Student Scholarship	2	S	\$121,950	\$60,000
	Arlynne Lake Cheers Endowed Professorship in the College of Education	1	P	\$150,545	\$40,000
	Dallas Alumni Chapter of GSU Endowed Professorship in the College of Business	1	P	\$152,594	\$40,000
	Dr. Joseph B. Johnson - Kappa Alpha Psi/Gamma Psi Endowed Professorship	1	P	\$94,150	\$20,000
	Clayton A. Wiley and Viola E. Wiley Endowed Professorship for the Department of Engineering Technology in the College of Artsand Sciences	1	P	\$120,000	\$40,000
Totals	18	31		\$3,071,125	\$980,000

Institution	LSU AGRICULTURAL CENTER				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Durwood Joseph Newton Professorship in Sugarcane Variety Development	1	P	\$80,000	\$20,000
	Louisiana Farm Bureau Professorship in Agricultural Policy I	3	P	\$240,000	\$60,000
	Louisiana Farm Bureau Professorship in Agricultural Policy II	3	P	\$240,000	\$60,000
Totals	3	7		\$560,000	\$140,000
Institution	LSU ALEXANDRIA				
	Name of Professorship	Slots	Type	Donation	Match Sought
	LSUA Endowed Professorship in Experiential Excellence	1	P	\$80,000	\$20,000
Totals	1	1		\$80,000	\$20,000
Institution	LOUISIANA STATE UNIVERSITY A&M				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Wedon T. Smith Professorship in Civil Law #2	1	P	\$60,000	\$40,000
	Ben R. Miller, Jr. Professorship	1	P	\$60,000	\$40,000
	Professional Ethics Professorship #4	1	P	\$60,000	\$40,000
	E. J. Ourso Professorship in Consumer Behavior	10	P	\$600,000	\$400,000
	E. J. Ourso Professorship in Marketing Strategy	10	P	\$600,000	\$400,000
	E. J. Ourso Professorship in Information Systems & Decision Sciences #1	7	P	\$420,000	\$280,000
	E. J. Ourso Professorship in Information Systems & Decision Sciences #2	7	P	\$420,000	\$280,000
	E. J. Ourso Professorship in Information Systems & Decision Sciences #3	6	P	\$360,000	\$240,000
	Dr. Robert T. "Bob" Justis/T.J. Moran Distinguished Professorship	3	P	\$180,000	\$120,000
	James R. Dupuy Professorship	1	P	\$60,000	\$40,000
	William Boizelle Professorship	3	P	\$180,000	\$120,000
	U. J. LeGrange Professorship in Accounting #10	1	P	\$60,000	\$40,000
	Neil Odenwald Distinguished Professorship in Landscape Architecture #3	1	P	\$60,000	\$40,000
	Cheney C. Joseph Endowed Professorship	3	P	\$180,000	\$120,000
	Joan Pender McManus Distinguished Professorship	5	P	\$300,000	\$200,000
	Dr. William R. Lee Professorship in Genetics	3	P	\$240,000	\$60,000
	U.J. LeGrange Endowed Professorship in Accounting #11	1	P	\$60,000	\$40,000
	Robey H. Clark Distinguished Professorship #3	1	P	\$80,000	\$20,000
	Professional Ethics Professorship #5	1	P	\$60,000	\$40,000
	Professional Ethics Professorship #6	1	P	\$60,000	\$40,000
	Adele W. and Robert D. Anding Professorship	3	P	\$120,000	\$80,000
	U.J. LeGrange Endowed Professorship in Accounting #12	1	P	\$60,000	\$40,000
	Charles M. Smith Medical Physics Endowed Professorship #1	8	P	\$480,000	\$320,000
	Hannelore and Johannes Storz Professorship in Pathobiological Sciences	2	P	\$120,000	\$80,000
Totals	24	81		\$4,880,000	\$3,120,000

Institution	LSU HEALTH SCIENCES CENTER - NEW ORLEANS				
	Name of Professorship	Slots	Type	Donation	Match Sought
	The Lori Whited Lacoste Professorship in Clinical/Trauma Surgery	1	P	\$80,000	\$20,000
	Cris Mandry, MD Professorship	1	P	\$80,000	\$20,000
	Sarah d'Autremont, MD Professorship	1	P	\$80,000	\$20,000
	AmeriHealth Mercy General Russell L. Honore' Professorship	1	P	\$100,000	\$20,000
	Richard Robichaux Professorship	1	P	\$80,000	\$20,000
	Richard A. Culbertson & Susan M. Leary Professorship	1	P	\$80,000	\$20,000
Totals	6	6		\$500,000	\$120,000
Institution	LOUISIANA TECH UNIVERSITY				
	Name of Professorship	Slots	Type	Donation	Match Sought
	The Joy Lynn Moore and Sidney W. Campbell Professorship for the College of Education	1	P	\$80,000	\$20,000
	The Rick and Lisa Shirley Endowed Professorship III for the School of Forestry in the College of Applied and Natural Sciences	1	P	\$80,000	\$20,000
	The Gary A. Moore Family Endowed Professorship for the College of Business	1	P	\$80,000	\$20,000
	Rick and Lisa Shirley Endowed Professorship IV for the School of Forestry in the College of Applied and Natural Sciences	1	P	\$80,000	\$20,000
Totals	4	4		\$320,000	\$80,000
Institution	LOYOLA UNIVERSITY				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Frank Barreca and Josephine Gallo Barreca Endowed Scholarship for First-Generation Students	1	S	\$60,000	\$40,000
Totals	1	1		\$60,000	\$40,000
Institution	NORTHSHORE TECHNICAL COMMUNITY COLLEGE				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Weeks Marine 1st Generation Scholarship	1	S	\$30,000	\$20,000
Totals	1	1		\$30,000	\$20,000
Institution	NORTHWESTERN STATE UNIVERSITY				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Shawn and Linnye Daily Endowed Professorship in Creatie and Performing Arts	1	P	\$80,000	\$20,000
Totals	1	1		\$80,000	\$20,000
Institution	RIVER PARISHES COMMUNITY COLLEGE				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Ascension Credit Union Endowed Scholarship for First Generation College Students	1	S	\$30,000	\$20,000
	Marathon Petroleum Endowed First-Generation Scholarship for Minority and/or Female PTEC Students	1	S	\$30,000	\$20,000
	Marathon Petroleum Endowed First-Generation Scholarship for PTEC Students	1	S	\$30,000	\$20,000
	EVONIK Endowed First-Generation Scholarship for PTEC Majors	1	S	\$30,000	\$20,000
Totals	4	4		\$120,000	\$80,000

Institution	SOUTH LOUISIANA COMMUNITY COLLEGE				
	Name of Professorship	Slots	Type	Donation	Match Sought
	LHC Group/Myers Family Foundation Endowed Professorship V in Nursing and Home Health	1	P	\$60,000	\$40,000
	LHC Group/Myers Family Foundation Endowed Professorship VI in Nursing and Home Health	1	P	\$60,000	\$40,000
Totals	2	2		\$120,000	\$80,000
Institution	SOUTHEASTERN LOUISIANA UNIVERSITY				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Bright Futures First Generation Endowed Scholarship	1	S	\$80,000	\$20,000
	Burnadean Warren Endowed Professorship in Teaching and Learning	1	P	\$80,000	\$20,000
	Steve Cosse First Generation Endowed Scholarship	1	S	\$80,000	\$20,000
Totals	3	3		\$240,000	\$60,000
Institution	SOUTHERN UNIVERSITY A&M				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Mark and Dawn Malveaux	2	S	\$200,000	\$40,000
Totals	1	2		\$200,000	\$40,000
Institution	SOUTHERN UNIVERSITY SHREVEPORT				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Griggs Enterprise, Inc. / McDonald's First Generation Endowed Undergraduate Scholarship	2	S	\$60,000	\$40,000
Totals	2	2		\$60,000	\$40,000
Institution	TULANE UNIVERSITY				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Diana and Mark Tipton Professorship III	1	P	\$80,000	\$20,000
	Sher Garner Professorship in Sports Law IV	1	P	\$80,000	\$20,000
Totals	2	2		\$160,000	\$40,000
Institution	TULANE UNIVERSITY HEALTH SCIENCES CENTER				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Dr. Donald R. and Donna G. Pulitzer Professorship in Pathology II	1	P	\$80,000	\$20,000
	Dean Baker Ellithorpe, M.D. Professorship XIV	1	P	\$80,000	\$20,000
Totals	2	2		\$160,000	\$40,000
Institution	UNIVERSITY OF LOUISIANA MONROE				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Paxton and Nelda Oliver Endowed Professorship in Speech Language Pathology	1	P	\$80,000	\$20,000
	ULM Physical Therapy First Generation Scholarship	1	S	\$80,000	\$20,000
Totals	2	2		\$160,000	\$40,000
Institution	UNIVERSITY OF NEW ORLEANS				
	Name of Professorship	Slots	Type	Donation	Match Sought
	Ivan Miestchovich Endowed Professorship in Real Estate and Economic Development	2	P	\$120,000	\$80,000
	University of New Orleans International Alumni Association 2018 First Generation Scholarship	1	S	\$80,000	\$20,000
	The Jerah W. Johnson Endowed Professorship in Maritime Studies and World History	2	P	\$160,000	\$40,000

The Jerah W. Johnson Endowed Professorship in Louisiana History	1	P	\$80,000	\$20,000
The Norma Jane Sabiston - University of New Orleans International Alumni Association First Generation Scholarship	1	S	\$80,000	\$20,000
University of New Orleans Foundation Endowed Professorship in Materials Chemistry	1	P	\$80,000	\$20,000
University of New Orleans Foundation Endowed Professorship in Computer Engineering	1	P	\$80,000	\$20,000
UNO Engineering Development Fund and University of New Orleans Foundation Endowed Professorship in Engineering	1	P	\$80,000	\$20,000
Chevron and University of New Orleans Foundation Endowed Professorship in Engineering	2	P	\$160,000	\$40,000
University of Louisiana System Foundation and the Michael and Judith Russell Endowed Professorship in Environmental Chemistry	1	P	\$80,000	\$20,000
University of Louisiana System Foundation and the Michael and Judith Russell Endowed Professorship in Data/Computational Sciences	1	P	\$80,000	\$20,000
University of Louisiana System Foundation and the Michael and Judith Russell Endowed Professorship in Urban Construction Management	1	P	\$80,000	\$20,000

Totals	12	15	\$1,160,000	\$340,000
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TOTALS FOR ENDOWED FIRST GENERATION SCHOLARSHIPS AND ENDOWED PROFESSORSHIPS REQUESTED FY 2021-2022	Endowed Scholarships	Endowed Professorships	Total
Count	26	65	91
Slots	41	129	170
Donations	\$3,253,836	\$8,857,289	\$12,111,125
Match Requested	\$1,140,000	\$4,260,000	\$5,400,000

Request Type Key	
First-Generation Scholarship	S
Professorship	P

APPENDIX G

**BoRSF Endowed Two-Year Workforce Scholarships
Proposals Recommended for Funding
FY 2021-22**

Proposal #	Campus	Scholarship Name	Match Requested	Funds Recommended
001EWF-22	Baton Rouge Community College	Robert and Pamela Fairly Endowed Scholarship	\$40,000	\$40,000
002EWF-22	Bossier Parish Community College	John & Joanna Magale Endowed Workforce Scholarship in Allied Health	\$20,000	\$20,000
003EWF-22	Bossier Parish Community College	AEP Foundation Endowed Workforce Scholarship in STEM Transfer	\$80,000	\$80,000
004EWF-22	Bossier Parish Community College	Michael H. Woods Endowed Workforce Scholarship in Nursing	\$10,000	\$10,000
005EWF-22	Bossier Parish Community College	WoodmenLife Chapter 54 of Louisiana Endowed Workforce Scholarship in Business	\$20,000	\$20,000
006EWF-22	Delgado Community College	Computer and Information Science	\$20,000	\$20,000
007EWF-22	Delgado Community College	Nursing	\$10,000	\$10,000
008EWF-22	Fletcher Technical Community College	Fletcher Foundation Endowed Scholarship in Construction Crafts	\$20,000	\$20,000
009EWF-22	Louisiana State University at Eunice	Madeleine Montelaro Memorial Scholarship	\$10,000	\$10,000
010EWF-22	Louisiana State University at Eunice	Charles Richard Dickey Bier Memorial Endowed	\$20,000	\$20,000
011EWF-22	Louisiana State University at Eunice	Fritz Lang #2 Endowed Twp-Year Student Workforce Scholarshiop	\$50,000	\$50,000
012EWF-22	Louisiana State University at Eunice	Acadian Medical Center Pink Ladies Endowed Two-Year Student Workforce Scholarship	\$20,000	\$20,000
013EWF-22	Northshore Technical Community College	Joan King Smith Memorial Endowed Scholarship in Allied Health	\$10,000	\$10,000

**BoRSF Endowed Two-Year Workforce Scholarships
Proposals Recommended for Funding
FY 2021-22**

014EWF-22	Nunez Community College	Nunez Community College Foundation Endowed Scholarship in Practical Nursing	\$10,000	\$10,000
015EWF-22	Nunez Community College	Nunez Community College Endowed Scholarship in Aerospace Manufacturing Technology	\$20,000	\$20,000
016EWF-22	River Parishes Community College	Marathon Petroleum Scholarship for Process Technology Majors	\$40,000	\$40,000
017EWF-22	River Parishes Community College	Everett Scott Memorial Scholarship in Industrial Trades	\$20,000	\$20,000
018EWF-22	River Parishes Community College	Marathon Petroleum Scholarship for Minorities &/or Females Majoring in PTEC	\$40,000	\$40,000
019EWF-22	South Louisiana Community College	Cardiovascular Institute of the South/Mike McElderry Endowed Scholarship in Nursing	\$10,000	\$10,000
020EWF-22	South Louisiana Community College	Garrett Family Endowed Scholarship	\$20,000	\$20,000
021EWF-22	South Louisiana Community College	Entergy Endowed Workforce Scholarship in Electrical/Power Lineman	\$40,000	\$40,000
022EWF-22	South Louisiana Community College	Rhett Flash Memorial Endowed Scholarship in Nursing	\$10,000	\$10,000
023EWF-22	South Louisiana Community College	Elder Outreach Endowed Scholarship in Nursing and Allied Health	\$10,000	\$10,000
024EWF-22	South Louisiana Community College	LHC Group/Myers Family Foundation Endowed Scholarship in Nursing and Home Health	\$80,000	\$80,000
025EWF-22	South Louisiana Community College	CLECO Endowed Workforce Scholarship in Electrical/Power Lineman	\$20,000	\$20,000
026EWF-22	South Louisiana Community College	JD Bank Endowed Scholarship	\$10,000	\$10,000
027EWF-22	Sowela Technical Community College	William Brent Lumpkin Endowed Scholarship	\$20,000	\$20,000

BoRSF Endowed Two-Year Workforce Scholarships
Proposals Recommended for Funding
FY 2021-22

028EWF-22	Sowela Technical Community College	First Federal Endowed Scholarship	\$20,000	\$20,000
029EWF-22	Sowela Technical Community College	Cameron LNG Endowed Scholarship	\$40,000	\$40,000
030EWF-22	Sowela Technical Community College	Nursing Booster Endowed Scholarship	\$50,000	\$50,000
TOTAL			\$790,000	\$790,000

APPENDIX H

Board of Regents Support Fund Research and Development Program Research Competitiveness Subprogram (RCS) for FY 2021-22 Review Cycle
Priority I Proposals Recommended for Funding by Out-of-State Consultants

Rank	Proposal #	PI Name	Institution	Project Title	Amount Requested						
					Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Cumulative Year 1
1	003A-22	Ely Oliveira Garcia	LSU Agricultural Center	Functional characterization of Magnaporthe oryzae effector proteins in rice cells during infection	\$39,750	\$36,750	\$0	\$39,250	\$36,250	\$0	\$39,250
1	092A-22	James Wagner	University of New Orleans	Detecting and Describing Database Security Breaches using Data Lineage within the Process	\$57,074	\$54,175	\$52,796	\$52,574	\$52,574	\$52,574	\$91,824
1	025A-22	Chris Kees	Louisiana State University and A & M College	Modeling the mechanics of fluid-bed-vegetation interactions in coastal and riverine ecosystems	\$60,979	\$57,979	\$42,931	\$57,979	\$57,979	\$40,431	\$149,803
1	050A-22	Shaurav Alam	Louisiana Tech University	Elucidating Composition-Microstructure-Property Investigations of Frontally Polymerized Geopolymer Materials	\$50,088	\$47,730	\$44,399	\$48,088	\$46,730	\$44,399	\$197,891
1	037A-22	Chao Sun	Louisiana State University and A & M College	High-fidelity modeling of coupled wind-surge-wave flows and loading on structures	\$20,000	\$0	\$0	\$20,000	\$0	\$0	\$217,891
1	051A-22	Prashanna Bhattarai	Louisiana Tech University	Mitigation of Amplified Current Imbalances due to Induction Machines Using the Currents' Physical Components (CPC) Power Theory	\$46,936	\$45,436	\$50,436	\$44,936	\$44,936	\$44,936	\$262,827
1	060A-22	Mehmet Bahadir	Southeastern Louisiana University	Recycling and Reuse of Composite Materials for 3D Printing	\$14,238	\$0	\$0	\$14,238	\$0	\$0	\$277,065
1	087A-22	Christopher Harshaw	University of New Orleans	Oxytocin, Social Hyperthermia, and Mouse Models of Autism Spectrum Disorder	\$67,555	\$67,453	\$64,708	\$48,369	\$48,016	\$48,016	\$325,434
1	016A-22	Beibei Guo	Louisiana State University and A & M College	Biomarker-based Clinical Trial Design for Identifying Subgroup-specific Optimal Dose for Immunotherapy and Immunoradiotherapy	\$54,511	\$52,511	\$50,511	\$52,011	\$52,011	\$50,011	\$377,445
1	064A-22	Zhengming Ding	Tulane University	Explainable Source-Data Protected Cross-Domain Learning	\$53,783	\$54,271	\$54,775	\$53,783	\$53,783	\$53,783	\$431,228
1	013A-22	Jonathon Doering	Louisiana State University and A & M College	Towards developing mechanism-based biological models to predict impacts of environmental contaminants on thyroid hormone signaling in diverse species of fish	\$62,991	\$61,800	\$27,209	\$52,291	\$48,700	\$27,209	\$483,519
1	074A-22	Anna Paltseva	University of Louisiana at Lafayette	Inventory of Heavy Metal Soil Concentrations in Lafayette, Louisiana Using X-ray Fluorescence Analysis, Geographic Information Systems, and Geostatistical Interpolation Methods	\$42,604	\$35,863	\$0	\$35,404	\$35,404	\$0	\$518,923
1	077A-22	Xiang-Sheng Wang	University of Louisiana at Lafayette	Enhanced machine learning and dynamic optimal control of emerging infectious diseases	\$48,806	\$47,029	\$45,253	\$45,306	\$45,306	\$45,253	\$564,229

Board of Regents Support Fund Research and Development Program Research Competitiveness Subprogram (RCS) for FY 2021-22 Review Cycle
Priority I Proposals Recommended for Funding by Out-of-State Consultants

Rank	Proposal #	PI Name	Institution	Project Title	Amount Requested						
					Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Cumulative Year 1
1	019A-22	Hany Hassan	Louisiana State University and A & M College	Maximizing the positive impacts of truck platooning on US highways	\$68,406	\$66,656	\$54,781	\$65,406	\$63,656	\$54,281	\$629,635
15	024A-22	Ali Kazemian	Louisiana State University and A & M College	ISRU-based Planetary Construction 3D Printing for Lunar and Martian Infrastructure Development: Process Optimization and Automated Quality Control	\$63,200	\$55,320	\$39,986	\$59,450	\$54,070	\$39,986	\$689,085
16	061A-22	Ahmad Fayed	Southeastern Louisiana University	Investigation of mechanical properties of 3D printed materials under dynamic loads	\$19,972	\$0	\$0	\$19,972	\$0	\$0	\$709,057
17	073A-22	Arun Kulshreshth	University of Louisiana at Lafayette	Classifying Student Distraction Level in Educational Virtual Reality	\$67,555	\$59,809	\$55,564	\$60,055	\$52,309	\$49,564	\$769,112
18	005A-22	Ahmed Abdelmoneim	Louisiana State University and A & M College	Arsenic-induced alterations to the acute stress response and the associated cellular and molecular toxicities	\$49,950	\$47,990	\$43,545	\$44,950	\$42,990	\$39,795	\$814,062
19	023A-22	Karim Joharikhatoonabad	Louisiana State University and A & M College	Effect of High-Definition transcranial Alternating Current Stimulation [HD-tACS] on Speech and Language Impairments in Healthy aging and Parkinson's Disease	\$65,169	\$64,901	\$54,983	\$44,852	\$44,584	\$41,384	\$858,914
20	055A-22	Kimberlee Mix	Loyola University New Orleans	Regulation of the chondroprotective transcription factor NR4A2 by oxidative stress	\$20,000	\$0	\$0	\$20,000	\$0	\$0	\$878,914
21	017A-22	Juhee Haam	Louisiana State University and A & M College	Role of the entorhinal cortical circuit in memory consolidation	\$64,900	\$56,330	\$51,450	\$59,900	\$54,830	\$51,450	\$938,814
22	014A-22	Adam Forte	Louisiana State University and A & M College	Exploring the Utility of Paired U-Pb ages and Hafnium Isotope Ratios within Detrital Zircons to Elucidate the Tectonic History of Greater Caucasus Mountains and Adjacent Foreland Basins	\$19,647	\$0	\$0	\$19,647	\$0	\$0	\$958,461
23	042A-22	Andrew Webb	Louisiana State University and A & M College	Towards Mixed-Reality Environments that Promote Early-Stage Design Creativity	\$65,000	\$62,750	\$61,750	\$61,250	\$59,000	\$58,000	\$1,019,711
24	080A-22	Bryan Donald	University of Louisiana at Monroe	Measuring Adherences to Best Practices when Dispensing Liquid Medications for Children	\$19,633	\$0	\$0	\$19,633	\$0	\$0	\$1,039,344
25	036A-22	Ope Owoyele	Louisiana State University and A & M College	Integrating High-fidelity Simulations and Machine Learning for Melt Pool Geometry Control in Additive Manufacturing	\$55,250	\$53,250	\$51,250	\$55,250	\$53,250	\$51,250	\$1,094,594
26	045A-22	Yimin Zhu	Louisiana State University and A & M College	A pilot study on indoor living walls: Developing an integrated model for indoor comfort and stress reduction	\$20,000	\$0	\$0	\$20,000	\$0	\$0	\$1,114,594

Board of Regents Support Fund Research and Development Program Research Competitiveness Subprogram (RCS) for FY 2021-22 Review Cycle
Priority I Proposals Recommended for Funding by Out-of-State Consultants

Rank	Proposal #	PI Name	Institution	Project Title	Amount Requested						
					Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Cumulative Year 1
27	010A-22	Christopher Cox	Louisiana State University and A & M College	Decoding contextualized meaning from distributed brain networks: Applying machine learning with structured sparsity to the analysis of functional neuroimages	\$65,311	\$60,811	\$58,561	\$51,201	\$46,701	\$44,451	\$1,165,795
28	008A-22	Senlin Chen	Louisiana State University and A & M College	Disseminating an Evidence-based Adolescent Obesity Prevention Intervention to Louisiana Schools	\$60,000	\$40,000	\$0	\$46,543	\$37,300	\$0	\$1,212,338
29	066A-22	Xin Lu	Tulane University	Engineering the Dipole Orientation and Polarization in Two-Dimensional Semiconducting Layered Materials for a Novel Spin-Photon Interface	\$59,205	\$56,271	\$54,370	\$59,205	\$56,271	\$54,370	\$1,271,543
30	084A-22	Satish Bastola	University of New Orleans	Quantifying Potential Tradeoffs and Synergies between Food, Water and Carbon Footprint, under Range of Water Management and Climate Change Scenarios, in the Lower Mississippi river Basin	\$52,140	\$50,618	\$48,643	\$50,640	\$49,618	\$47,643	\$1,322,183
31	004A-22	Brett Wolfe	LSU Agricultural Center	Mechanistic assessment of drought tolerance among bottomland hardwood forest trees	\$52,995	\$47,695	\$44,281	\$47,495	\$42,195	\$42,195	\$1,369,678
32	018A-22	Cheryl Harrison	Louisiana State University and A & M College	Impact of the Loop Current variability on connectivity and dispersal across the Gulf of Mexico	\$77,100	\$69,900	\$46,358	\$54,200	\$54,200	\$46,358	\$1,423,878
33	047A-22	Monica Cartelle Gestal	LSU Health Sciences Center - Shreveport	Bordetella bronchiseptica blocks eosinophil recruitment to increase persistence in the respiratory tract	\$53,625	\$53,625	\$53,625	\$48,625	\$48,625	\$48,625	\$1,472,503
34	046A-22	Ben Kelly	LSU Health Sciences Center - New Orleans	Regulation of cytochrome C oxidase subunit IV expression in Leishmania	\$60,000	\$60,000	\$60,000	\$49,083	\$49,083	\$49,083	\$1,521,586
35	054A-22	Marshall Bowles	Louisiana Universities Marine Consortium	Biogeochemistry of submarine groundwater discharge in southeastern Louisiana	\$63,223	\$63,085	\$25,468	\$58,623	\$57,053	\$17,538	\$1,580,209

Number of Proposals Submitted	92
Total Funds Requested for First Year	\$4,620,672
Total Funds Requested for Second Year	\$3,906,899
Total Funds Requested for Third Year	\$3,149,212
Total Funds Requested	\$11,676,783
Number of Proposals Recommended	35
Total First-Year Funds Recommended	\$1,580,209
Total Second-Year Funds Recommended	\$1,387,424
Total Third-Year Funds Recommended	\$1,142,585

**Board of Regents Support Fund Research and Development Program Industrial Ties Research Subprogram (ITRS) for FY 2021-22 Review Cycle
Priority I Proposals Recommended for Funding by Out-of-State Consultants**

Rank	Proposal #	PI Name	Institution	Project Title	Amount Requested			Amount Recommended			
					Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Cumulative year 1
1	024B-22	Kenneth Ritter III	University of Louisiana at Lafayette	Improved Grid Resiliency Using Microgrids and Renewable Energy	\$77,390	\$70,001	\$52,609	\$77,390	\$70,001	\$52,609	\$77,390
1	025B-22	Mark Zappi	University of Louisiana at Lafayette	Production of Green Protein-Based Adhesives from Municipal Wastewater Treatment Plant Sludges	\$132,281	\$99,991	\$99,969	\$132,281	\$99,991	\$99,969	\$209,671
1	014B-22	Henry Cardenas	Louisiana Tech University	Electrochemical Control of Fatigue Cracks	\$84,122	\$84,122	\$83,122	\$84,122	\$84,122	\$83,122	\$293,793
1	011B-22	Shuangqing Wei	Louisiana State University and A&M College	Neural Transceiver Design and Development for Exploiting Nonlinearity in Satellite Communication Systems in Strong Interference Environment	\$82,759	\$82,759	\$82,759	\$82,759	\$82,759	\$82,759	\$376,552
5	001B-22	Jeffrey Beasley	Louisiana State University Agricultural Center	Completing the Circle: LSU Kitchen Waste to Insect Farming Feedstock to Renewable Fertilizer Source	\$53,550	\$50,210	\$38,810	\$51,550	\$48,210	\$36,810	\$428,102
6	003B-22	Aly Mousaad Aly	Louisiana State University and A&M College	Innovative Vibration and Fatigue Mitigation Approach for Advanced Wind Turbines with Improved Safety and Increased Clean Energy Production	\$55,440	\$54,040	\$49,040	\$52,240	\$51,740	\$49,040	\$480,342

Total Number of Proposals Submitted	26
Total Funds Requested for First Year	\$2,361,543
Total Funds Requested for Second Year	\$2,154,599
Total Funds Requested for Third Year	\$1,829,140
Total Funds Requested	\$6,345,282
Total Funds Recommended for First Year	\$480,342
Total Funds Recommended for Second Year	\$436,823
Total Funds Recommended for Third Year	\$404,309
Total Funds Recommended	\$1,321,474

Board of Regents Support Fund Research and Development Proof-of-Concept/Prototyping Initiative (PoC/P) FY 2021-22 Review Cycle

Priority I Proposals Recommended for Funding by Out-of-State Consultants

Rank	Proposal #	PI Name	Project Title	Institution	Funds Recommended	Cumulative Funds Recommended
1	004D-22	Rui Zhang	Volumetric Modulated Arc Therapy-Computed Tomography	Louisiana State University and A&M College	\$39,998	\$39,998
2	001D-22	James Dorman	Controlled Depolymerization of Waste Plastics	Louisiana State University and A&M College	\$40,000	\$79,998
3	002D-22	Hunter Gilbert	Omnidirectional Impact Absorption for Helmets	Louisiana State University and A&M College	\$40,000	\$119,998

Number of Proposals Submitted	12
Total Money Requested	\$473,906
Number of Proposals Recommended	3
Total Money Recommended	\$119,998

Board of Regents Support Fund Research and Development Awards to Louisiana Artists and Scholars (ATLAS) FY 2021-22 Review Cycle
Priority I Proposals Recommended by Out-of-State Consultants

Rank	Proposal #	PI Name	Project Title	Institution	Funds Recommended	Cumulative Funds Recommended
1	027ATL-22	Clyde Robertson	Trailblazers and History Makers: A Documentary of the Pontchartrain Park Pioneers	Southern University at New Orleans	\$29,744	\$29,744
1	017ATL-22	Maurice Ruffin	Ady Mockingbird Tree, A Novel	Louisiana State University and A&M College	\$46,839	\$76,583
1	036ATL-22	Camilo Leslie	Invested: Trust and Ignorance in a Middle-Class Fraud	Tulane University	\$43,617	\$120,200
4	045ATL-22	Fallon Aidoo	Towards a Just National Register of Historic Places': Open Data & Open-Access Scholarship on Unregistered Hazards to Registered Ethnic Heritage	University of New Orleans	\$49,886	\$170,086
4	001ATL-22	Hana Beloglavec	Chemical Reaction: A New Album and Videos of Works for Solo Trombone with Piano and Loop Pedal Station	Louisiana State University and A&M College	\$38,821	\$208,907
4	049ATL-22	Guang Tian	Study the understudied population's travel behaviors with a non-traditional approach	University of New Orleans	\$36,744	\$245,651
7	048ATL-22	Jacinta Saffold	Books & Beats: The Cultural Kinship of Street Lit and Hip Hop	University of New Orleans	\$49,917	\$295,568
7	022ATL-22	Erin Singer	Poetic Vistas: Whitman and the Latinx Epic	Louisiana Tech University	\$49,996	\$345,564
9	035ATL-22	Zachary Lazar	If You See Her, Say Hello: A Novel	Tulane University	\$49,990	\$395,554
10	016ATL-22	Emily Rains	Negotiating Informality, Negotiating Citizenship: How Neighborhood Characteristics Shape Political Behavior in Urban 'Slums'	Louisiana State University and A&M College	\$48,240	\$443,794
11	011ATL-22	Jeffrey Leichman	Screen Scenes: Theatre and Self in World Cinema	Louisiana State University and A&M College	\$50,000	\$493,794
12	009ATL-22	Cecilia Kang	Project Relevance	Louisiana State University and A&M College	\$50,000	\$543,794

Number of Proposals	50
Total Money Requested	\$2,128,102
Total Money Recommended	\$543,794

APPENDIX I

Board of Regents Support Fund (BoRSF)
Research & Development Summary of Priority I Recommendations, FY 2021-22

Institution	Research Competitiveness Subprogram*				Industrial Ties Research Subprogram w/ PoC/P*				Awards to Louisiana Artists & Scholars Subprogram				Total Proposals			
	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award	Submitted	Recm.	1st Yr Award	Total Award
BRCC																
BPCC																
Centenary																
Central Louisiana																
Delgado																
Dillard																
Fletcher																
FMOLU																
Grambling	1	0	\$0	\$0									1	0	\$0	\$0
Louisiana Christian U																
LCTCS																
Louisiana Delta																
LSU - Ag Center	3	2	\$86,745	\$207,385	2	1	\$51,550	\$136,570					5	3	\$138,295	\$343,955
LSU - Alexandria																
LSU and A&M	41	16	\$764,930	\$1,978,807	14	5	\$254,997	\$521,295	21	2	\$85,660	\$85,660	76	23	\$1,105,587	\$2,585,762
LSU - Eunice																
LSU - Pennington																
LSU - Shreveport	2	0	\$0	\$0									2	0	\$0	\$0
LSUHSC-NO	1	1	\$49,083	\$147,249									1	1	\$49,083	\$147,249
LSUHSC-S	1	1	\$48,625	\$145,875									1	1	\$48,625	\$145,875
Louisiana Tech	4	2	\$93,024	\$274,025	8	1	\$84,122	\$251,366	1	1	\$49,996	\$49,996	13	4	\$227,142	\$575,387
Loyola	1	1	\$20,000	\$20,000					1	0	\$0	\$0	2	1	\$20,000	\$20,000
LUMCON	1	1	\$58,623	\$133,214									1	1	\$58,623	\$133,214
McNeese	1	0	\$0	\$0					3	0	\$0	\$0	4	0	\$0	\$0
Nicholls	3	0	\$0	\$0									3	0	\$0	\$0
Northshore																
Northwestern																
Nunez																
River Parishes																
St. Joseph Seminary																
South Louisiana																
SELU	3	2	\$34,210	\$34,210									3	2	\$34,210	\$34,210
Southern and A&M	1	0	\$0	\$0									1	0	\$0	\$0
SUNO									1	1	\$29,744	\$29,744	1	1	\$29,744	\$29,744
Southern - Shreveport																
SOWELA																
Tulane	3	2	\$112,988	\$331,195					16	2	\$93,607	\$93,607	19	4	\$206,595	\$424,802
Tulane Health Sci. Center	4	0	\$0	\$0									4	0	\$0	\$0
University of Holy Cross																
UL - Lafayette	8	3	\$140,765	\$368,601	12	2	\$209,671	\$532,241					20	5	\$350,436	\$900,842
UL - Monroe	5	1	\$19,633	\$19,633					1	0	\$0	\$0	6	1	\$19,633	\$19,633
UNO	9	3	\$151,583	\$450,024	2	0	\$0	\$0	6	3	\$136,547	\$136,547	17	6	\$288,130	\$586,571
Xavier																
TOTALS	92	35	\$1,580,209	\$4,110,218	38	9	\$600,340	\$1,441,472	50	9	\$395,554	\$395,554	180	53	\$2,576,103	\$5,947,244

APPENDIX J

**BoRSF Endowed Superior Graduate Student Scholarships
Priority I Proposals Recommended for Funding by Out-of-State Consultants
for the FY 2021-22 Review Cycle**

Rank	Proposal #	Campus	Scholarship Name	Match Requested	Total Points (100 Points Max.)	Funds Recommended
1	001EGS-22	Louisiana State University and A & M College	Charles M. Smith Endowed Superior Graduate Scholarship in Science	\$400,000	99	\$ 320,000
1	025EGS-22	Louisiana State University and A & M College	Chris and Nancy Rials Endowed Scholarship	\$40,000	99	\$ 40,000
1	027EGS-22	Louisiana State University and A & M College	Judge France W. Watts III Scholarship	\$40,000	99	\$ 40,000
4	014EGS-22	Louisiana State University and A & M College	Planche Mike the Tiger Caregiver Scholarship	\$80,000	98.5	\$ 80,000
5	067EGS-22	University of Louisiana at Monroe	Marilyn Frances and Louis St. Amant Superior Graduate Student Scholarship	\$40,000	98	\$ 40,000
6	049EGS-22	Louisiana State University Health Sciences Center - New Orleans	The United Cerebral Palsy of Greater New Orleans & Dr. Frank Martello Conference and Education in Dentistry	\$40,000	97	\$ 40,000
6	050EGS-22	Louisiana State University Health Sciences Center - New Orleans	Carl Baldrige Rural Scholars Track Scholarship in Dentistry	\$160,000	97	\$ 160,000
8	043EGS-22	Louisiana State University Health Sciences Center - New Orleans	Drs. Tricia Paulsen '82 and Tom Paulsen Superior Graduate Scholarship	\$40,000	94	\$ 40,000
8	044EGS-22	Louisiana State University Health Sciences Center - New Orleans	Keith A. Collins, MD Memorial Superior Graduate Scholarship	\$40,000	94	\$ 40,000
10	056EGS-22	Louisiana Tech University	Dana Miller Packman Endowed Graduate Student Scholarship in Counseling Psychology	\$40,000	93	\$ 40,000
10	064EGS-22	University of Louisiana at Monroe	Kitty DeGree Endowed MPA Superior Graduate Student Scholarship	\$40,000	93	\$ 40,000
12	057EGS-22	Louisiana Tech University	George Leroy Erskine Endowed Graduate Student Scholarship in Engineering & Science	\$40,000	91	\$ 40,000
13	061EGS-22	University of Holy Cross	UHC Methodist Health System Foundation Endowed Superior Graduate Student Scholarship in Counseling	\$40,000	90.5	\$ 40,000
13	063EGS-22	University of Louisiana at Lafayette	Construction Specifications Institute (CSI) Acadiana Chapter Board of Regents Support Fund Endowed Superior Graduate Student Scholarship in Architecture	\$40,000	90.5	\$ 40,000

Proposals Submitted: 70

Total Funds Requested: \$6,920,000

APPENDIX K

**BOARD OF REGENTS SUPPORT FUND
COMPETITIVE* PROGRAMS, BY COMPONENT
SUMMARY OF PRIORITY I RECOMMENDATIONS, FY 2021-22**

Institution	Enhancement*				Research & Development*				Competitive Endowments			ALL PRIORITY I RECOMMENDATIONS			
	Submitted	Rec.	1st year \$	Total \$ Rec.	Submitted	Rec.	1st year \$	Total \$ Rec.	Submitted	Rec.	Total \$ Rec.	Submitted	Rec.	1st Year \$ Rec.	Total \$ Rec.
BRCC									1	1	\$40,000	1	1	\$40,000	\$40,000
BPCC									4	4	\$130,000	4	4	\$130,000	\$130,000
Centenary	2	0	\$0	\$0								2	0	\$0	\$0
Central Louisiana															
Delgado									2	2	\$30,000	2	2	\$30,000	\$30,000
Dillard	1	0	\$0	\$0								1	0	\$0	\$0
Fletcher	1	0	\$0	\$0					1	1	\$20,000	2	1	\$20,000	\$20,000
FMOLU															
Grambling	1	0	\$0	\$0	1	0	\$0	\$0				2	0	\$0	\$0
Louisiana Christian U	3	0	\$0	\$0								3	0	\$0	\$0
LCTCS															
Louisiana Delta															
LSU - Ag Center	4	1	\$285,986	\$999,865	5	3	\$138,295	\$343,955	1	1	\$400,000	10	5	\$824,281	\$1,743,820
LSU - Alexandria															
LSU and A&M	13	4	\$505,903	\$565,903	76	23	\$1,105,587	\$2,585,762	46	6	\$1,280,000	135	33	\$2,891,490	\$4,431,665
LSU - Eunice									4	4	\$100,000	4	4	\$100,000	\$100,000
LSU - Pennington															
LSU - Shreveport	5	0	\$0	\$0	2	0	\$0	\$0				7	0	\$0	\$0
LSUHSC-NO					1	1	\$49,083	\$147,249	11	4	\$280,000	12	5	\$329,083	\$427,249
LSUHSC-S	1	0	\$0	\$0	1	1	\$48,625	\$145,875				2	1	\$48,625	\$145,875
Louisiana Tech	8	2	\$177,500	\$207,500	13	4	\$227,142	\$575,387	5	2	\$80,000	26	8	\$484,642	\$862,887
Loyola	1	0	\$0	\$0	2	1	\$20,000	\$20,000				3	1	\$20,000	\$20,000
LUMCON					1	1	\$58,623	\$133,214				1	1	\$58,623	\$133,214
McNeese	4	1	\$76,050	\$76,050	4	0	\$0	\$0				8	1	\$76,050	\$76,050
Nicholls	6	2	\$281,881	\$281,881	3	0	\$0	\$0				9	2	\$281,881	\$281,881
Northshore									1	1	\$10,000	1	1	\$10,000	\$10,000
Northwestern	5	2	\$135,688	\$135,688					3	0	\$0	8	2	\$135,688	\$135,688
Nunez									2	2	\$30,000	2	2	\$30,000	\$30,000
River Parishes									3	3	\$100,000	3	3	\$100,000	\$100,000
St. Joseph Seminary															
South Louisiana									8	8	\$200,000	8	8	\$200,000	\$200,000
SELU	8	2	\$422,356	\$870,910	3	2	\$34,210	\$34,210				11	4	\$456,566	\$905,120
Southern and A&M	3	1	\$17,500	\$47,500	1	0	\$0	\$0				4	1	\$17,500	\$47,500
SUNO	5	1	\$71,047	\$71,047	1	1	\$29,744	\$29,744				6	2	\$100,791	\$100,791
SU Shreveport															
SOWELA									4	4	\$130,000	4	4	\$130,000	\$130,000
Tulane	6	3	\$295,866	\$385,866	19	4	\$206,595	\$424,802	1	1	\$400,000	26	8	\$902,461	\$1,210,668
TUHSC	7	1	\$196,114	\$196,114	4	0	\$0	\$0	2	1	\$400,000	13	2	\$596,114	\$596,114
UHC									1	1	\$40,000	1	1	\$40,000	\$40,000
UL - Lafayette	17	3	\$405,873	\$1,100,657	20	5	\$350,436	\$900,842	4	1	\$40,000	41	9	\$796,309	\$2,041,499
UL - Monroe	6	1	\$60,800	\$60,800	6	1	\$19,633	\$19,633	9	2	\$80,000	21	4	\$160,433	\$160,433
UNO	5	2	\$372,353	\$372,353	17	6	\$288,130	\$586,571				22	8	\$660,483	\$958,924
Xavier	1	0	\$0	\$0								1	0	\$0	\$0
TOTALS	113	26	\$3,304,917	\$5,372,134	180	53	\$2,576,103	\$5,947,244	113	49	\$3,790,000	406	128	\$9,671,020	\$15,109,378

* Programs include multi-year awards; first column is funds for the first year of awards (FY 2021-22); second column is total award (all years)

** Table represents competitive program recommendations only; does not include Endowed Professorships and First-Generation Endowed Undergraduate Scholarships

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Chair

Gary N. Solomon, Jr.
Vice Chair

Sonia A. Pérez
Secretary

Kim Hunter Reed, Ph.D.
Commissioner of
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Judy A. Williams-Brown
Cameron T. Jackson, Student

AGENDA
STATEWIDE PROGRAMS COMMITTEE

Wednesday, April 27, 2022
11:45 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase, Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

- I. Call to Order
- II. Roll Call
- III. Approval of Eligibility List of Academic Programs Approved for TOPS Tech during Academic Years 2022-23 and 2023-24
- IV. Other Business
- V. Adjournment

Committee Members: Randy L. Ewing, Chair; Charles R. McDonald, Vice Chair; Stephanie A. Finley; Darren G. Mire; Wilbert D. Pryor; Felix R. Weill, Cameron T. Jackson (*student member*)
Staff: Carrie Robison, Deputy Commissioner for Sponsored Programs

AGENDA ITEM III.

Approval of Eligibility List of Academic Programs Approved for TOPS Tech during Academic Years 2022-23 and 2023-24

Background Information

Per Act 230 of 2015, an interagency council is charged with identifying those degrees and programs that the Board of Regents and the Louisiana Workforce Investment Council determine are aligned with state workforce priorities.

Staff Summary

At its April 5, 2022, meeting, the Louisiana Collaborative Partners approved the Proposed TOPS Tech Eligibility List: Academic Programs that are Vocation/Workforce-Focused for Academic Years 2022-23 and 2023-24. The partners voted to advance the current TOPS Tech Eligibility List with the addition of the attached high-demand non-credit programs that have met the M. J. Foster Promise program criteria.

STAFF RECOMMENDATION

Senior Staff recommends that the Statewide Programs Committee approve the revised TOPS Tech eligible program list for the 2022-23 and 2023-24 academic years, *with the inclusion of the high-demand non-credit programs that have met the M. J. Foster Promise program criteria and authorize Regents staff to transmit the BoR-approved Program Lists to the WIC and LOSFA in accordance with the law.

ATTACHMENT I

**2022-23 and 2023-24 Proposed TOPS Tech Eligible List:
Academic Programs that are Vocation/Workforce-Focused**

Important Note:

*ALL Technical Programs that are offered at state institutions AUTOMATICALLY QUALIFY
for the TOPS Tech Award. These award/degree types include:*

Associate of Applied Science (AAS) | Career Technical Certificate (CTC) | Certificate of Technical Studies (CTS) | Technical Diplomas (TD)

System	Campus	CIP	Degree	Subject Area
ULS				
	La Tech	513801	ASN	NURSING
	McNeese	220302	AA	PARALEGAL STUDIES
	Nicholls	120503	AS	CULINARY ARTS
		150903	AS	PETROLEUM SERVICES SAFETY TECHNOLOGY
	NSU	190709	AS	CARE & DVLPT OF YOUNG CHILDREN
		150000	AS	ENGINEERING TECHNOLOGY
		510808	AD	VETERINARY TECHNOLOGY
		513801	ASN	NURSING
	ULM	510803	AS	OCCUPATIONAL THERAPY ASSISTING
ULS Total				
LSU				
	LSUA	510911	AS	RADIOLOGIC TECHNOLOGY
		511004	AS	MEDICAL LABORATORY SCIENCE
		513801	ASN	NURSING
	LSUE	190709	AS	CARE & DVLPT OF YOUNG CHILDREN
		430107	ASCJ	CRIMINAL JUSTICE
		510000	AS	HEALTH/MEDICAL PREPARATION PROGRAM OTHERS
		510908	AS	RESPIRATORY CARE
		510911	AS	RADIOLOGIC TECHNOLOGY
		513801	ASN	NURSING
	LSUHCNO	510603	AS	DENTAL LABORATORY TECHNOLOGY
LSU Total				
SU				
	SUNO	511501	AA	DRUG AND SUBSTANCE ABUSE
	SUSLA	110701	AS	COMPUTER SCIENCE
		511501	AS	HUMAN SERVICES
		513801	ASN	NURSING
		520101	AS	BUSINESS MANAGEMENT
		520302	AS	ACCOUNTING
SU Total				
LCTCS	All Campuses	BRCC, BPCC, CLTCC, DCC, FTCC, LDCC, NTCC, NLTCC, NCC, RPCC, SLCC, SOWELA		
		161603	AA	AMERICAN SIGN LANGUAGE INTERPRETING
		520101	AS	BUSINESS
		510908	AS	CARDIOPULMONARY CARE SCIENCE
		110701	AS	COMPUTER SCIENCE
		430107	AS	CRIMINAL JUSTICE
		150303	AS	ELECTRICAL-ELECT. ENGINEER TECH.
		510702	AS	HEALTHCARE MANAGEMENT
		150612	AS	INDUSTRIAL TECHNOLOGY
		513801	ASN	NURSING
		220302	AA	PARALEGAL STUDIES
		140101	AS	PRE-ENGINEERING
		510909	AS	SURGICAL TECHNOLOGY
		509999	AA	VISUAL & PERFORMING ARTS
LCTCS Total				

IN-DEMAND INDUSTRIES AND OCCUPATIONS WITH ALIGNED CREDENTIALS FOR CONSIDERATION FOR TOPS TECH ELIGIBILITY

INDUSTRY	OCCUPATION IN DEMAND	SOC (LWC 2019)	CIP	ALL CREDENTIALS OFFERED
Construction	Carpenters	47-2031	460201	NCCER Carpentry Level 1-4
Construction	Electricians	47-2111	460302	NCCER Electrical Levels 1-4*
Construction	Heating, air conditioning, and refrigeration mechanics and installers	49-9021	470201	NCCER HVAC Levels 1-4*
Construction	Operating engineers and other construction equipment operators	47-2073	490202	NCCER Heavy Equipment Operator Level 1-3
Construction	Plumbers, pipefitters, and steamfitters	47-2152	460502	NCCER Pipefitting Levels 1-4
Healthcare	Medical assistant	31-9092	513902	CCMA Certified Clinical Medical Assistant (NHA)
Healthcare	Emergency Medical Responder	29-2042	51.0810	Emergency Medical Responder
Healthcare	Emergency Medical Technician	29-2042	51.0904	Emergency Medical Technician
Information Technology	Computer user support specialists	15-1151	110101	CompTIA A+*
Information Technology	Web developer	15-1134	111001	AWS Cloud Practitioner / Solutions Architect / SysOps Administrator / Developer
Manufacturing	Computer-controlled machine tool operators	51-4011	150699	Mechatronics custom curriculum (various NC3)
Manufacturing	Electrical and electronics repairers, commercial and industrial equipment	49-2094	470302	NCCER Instrumentation Levels 1-4*
Manufacturing	Helpers - production workers	51-9198	150699	Certified Manufacturing Generalist (CMG) - C4M / NCCER Core / MSSC CPT / MSSC CLA / NSC Forklift / OSHA 10 / First Aid
Manufacturing	Industrial machinery mechanics	49-9041	470303	NCCER Industrial Maintenance Mechanic Levels 1-4*
Manufacturing	Millwrights	49-9044	470303	NCCER Millwright Levels 1-5
Manufacturing	Structural metal fabricators and fitters (Region 1 / 3 / 4)	51-2041	470600	NCCER Maritime Structural Fitter Levels 1-3
Manufacturing	Structural metal fabricators and fitters (Region 1 / 3 / 4)	51-2041	460502	NCCER Maritime Pipefitting Levels 1-2
Manufacturing	Welders, cutters, solderers, and brazers	51-4121	480508	NCCER Welding Levels 1-4 / SMAW / GTAW / FCAW / GMAW*
Miscellaneous	Electrical power-line installers and repairers	49-9051	460303	Lineman Certification (NCCER Core / NCCER Power Line Worker Level 1 / Distribution Levels 2-3 / Transmission Levels 2-3)*
Transportation and Logistics	Automotive service technicians and mechanics	49-3023	470600	NIASE Auto Transmission and Transaxle / Brakes / Electrical Electronic Systems / Engine Performance / Engine Repair Heating and Air Conditioning / Manual Drivetrain and Axles / Steering and
Transportation and Logistics	Crane and tower operators	53-7021	490206	Mobile Crane Operator (NCCCO) / NCCER Mobile Crane Operations Levels 1-3
Transportation and Logistics	Drivers / Sales workers	53-3031	490207	Commercial Drivers License Class A or B

TOPS Tech Eligibility Inter-Agency Partners List

Entity	Member Name	Email
BOR	Dr. Lisa S. Vosper	Lisa.Vosper@laregents.edu
DOE	Dr. Ernise Singleton Stephanie Marcum Jessica Vallelunga	Ernise.Singleton@la.gov Stephanie.Marcum@la.gov Jessica.Vallelunga@la.gov
LCTCS	Dr. Amy Cable	amycable@lctcs.edu
LED	Susana Schowen	Susana.Schowen@la.gov
LOSFA	Deborah Paul Paula Smith	Deborah.Paul@la.gov Paula.Smith@la.gov
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LWC	Tavares Walker Sonya Williams	TWalker2@lwc.la.gov SWilliams@lwc.la.gov
SUSLA	Janice Sneed SUSLA College Deans	jsneed@susla.edu
WIC	Jawanda Givens	JGivens@lwc.la.gov

Collis B. Temple, III
Chair

Gary N. Solomon, Jr.
Vice Chair

Sonia A. Pérez
Secretary

Kim Hunter Reed, Ph.D.
Commissioner of
Higher Education



Blake R. David
Randy L. Ewing
Stephanie A. Finley
Robert W. Levy
Phillip R. May, Jr.
Charles R. McDonald
Darren G. Mire
Wilbert D. Pryor
T. Jay Seale, III
Terrie P. Sterling
Felix R. Weill

Judy A. Williams-Brown
Cameron T. Jackson, Student

BOARD OF REGENTS

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AGENDA

PLANNING, RESEARCH and PERFORMANCE COMMITTEE

Wednesday, April 27, 2022

11:55 a.m.

Claiborne Building, 1st Floor
Louisiana Purchase Room 1-100
1201 North Third Street
Baton Rouge, Louisiana

I. Call to Order

II. Roll Call

III. Consent Agenda

A. R.S. 17:1808 (Licensure)

1. Initial Application

a. California Southern University

2. Renewal Application

a. Alliant International University

b. Johns Hopkins University

c. The Chicago School of Professional Psychology

IV. 2021 Health Works Commission Annual Report

V. Other Business

VI. Adjournment

Committee Members: Terrie P. Sterling, Chair; Judy A. Williams-Brown, Vice Chair; Stephanie A. Finley; Robert W. Levy; Charles R. McDonald; Sonia A. Pérez; Wilbert D. Pryor; Felix R. Weill
Staff: Susannah Craig, Deputy Commissioner for Strategic Planning and Student Success

AGENDA ITEM III.A.1.a
California Southern University
Costa Mesa, California

BACKGROUND

California Southern University (CalSouthern) is a private institution with its main campus located in Costa Mesa, California. The university is accredited by the Western Association of Schools and Colleges – Senior College and University Commission.

ACADEMIC PROGRAM

CalSouthern offers one associate's degree program, five bachelor's degree programs, six master's degree programs, two doctorate programs, and nineteen certificate programs in the subject areas of psychology, criminal justice, healthcare, business, education, applied science, and liberal arts. Currently, this institution has 0 students in its Louisiana Unduplicated Headcount Enrollment.

FACULTY

CalSouthern has 8 full-time and 107 part-time faculty with various degree levels.

FACILITIES

CalSouthern is planning to offer 100% online instruction to Louisiana residents.

STAFF RECOMMENDATION

Given the scope of the programs and the credentials of its faculty, the institution's campus, program accreditation, and the general oversight by the home campus, Senior Staff recommends approval of the application for an *initial* license for California Southern University (CalSouthern).

AGENDA ITEM III.A.2.a.
Alliant International University
San Diego, California

BACKGROUND

Alliant International University (AIU) is a private institution with its main campus located in San Diego, California. This university is accredited by the Western Association of School and Colleges, Senior College and University Commission.

ACADEMIC PROGRAM

AIU offers 68 academic programs that lead to doctorate, master's, and bachelor's degrees along with certificate programs and credentialing. They provide a range of online programs in computer science and technology, healthcare, psychology, counseling, social services, criminal justice, education, and business. The university currently has four students in its Louisiana Unduplicated Headcount Enrollment.

Degree Level	Louisiana Unduplicated Headcount Enrollment
Doctorate	0
Master's	4
Bachelor's	0
Associate	0
Certificate	0
Other	0
Total	4

FACULTY

Alliant International University has 118 full-time faculty members and 21 part-time faculty with master's, professional, or doctorate degrees.

FACILITIES

AIU offers 100% online instruction to Louisiana residents.

STAFF RECOMMENDATION

Given the programs' scope and the credentials of its faculty, the institution's campus, program accreditation, and the general oversight by the home campus, Senior Staff recommends approval of the application for license *renewal* from Alliant International University (AIU).

AGENDA ITEM III.A.2.b.

Johns Hopkins University

Baltimore, Maryland

BACKGROUND

Johns Hopkins University (JHU) is a private institution with its main campus located in Baltimore, Maryland. JHU has a local campus (Explore Engineering Innovation) in Bossier City, Louisiana. This program is located on the campus of Bossier Parish Community College. This university is accredited by the Middle States Commission on Higher Education.

ACADEMIC PROGRAM

JHU offers the Explore Engineering Innovation program which is a collegiate-level summer program for high school students who are strong in math and science and have an interest in engineering. Successful completion of this summer program will provide the students with JHU credit. The university currently has 0 students enrolled in this program according to the Louisiana Unduplicated Headcount Enrollment but can allow up to twenty-four students in their summer program.

Degree Level	Louisiana Unduplicated Headcount Enrollment
Doctorate	0
Master's	0
Bachelor's	0
Associate	0
Certificate	0
Other (Course Credit)	0 (up to 24/year)
Total	0

FACULTY

Johns Hopkins University – Exploring Engineering Innovation program has two full-time faculty members one with a bachelor's and another with a doctorate degree.

FACILITIES

JHU Explore Engineering Innovation offers classroom lectures, laboratory instruction and online instruction to Louisiana residents.

STAFF RECOMMENDATION

Given the programs' scope and the credentials of its faculty, the institution's campus, program accreditation, and the general oversight by the home campus, Senior Staff recommends approval of the application for *renewal* licensure from Johns Hopkins University (JHU).

AGENDA ITEM III.A.2.c.
The Chicago School of Professional Psychology
New Orleans, LA

BACKGROUND

The Chicago School of Professional Psychology (CSPP) is a private institution with its main campus located in Los Angeles, California, and a local campus in New Orleans, Louisiana, based in Xavier University. This university is accredited by the Western Association of Schools and Colleges, Senior College and University Commission as well as the American Psychological Association.

ACADEMIC PROGRAM

CSPP offers forty-two programs including nine doctorate programs, fifteen master's degree programs, five bachelor's degree programs, and thirteen certificate programs centered around psychology, nursing, and other health sciences. CSPP offers one in-person Doctorate program in Clinical Psychology located on Xavier University's campus with the rest of the degree programs offered online.

The university currently has 81 students enrolled in this program according to the Louisiana Unduplicated Headcount Enrollment.

Degree Level	Louisiana Unduplicated Headcount Enrollment
Doctorate	46
Master's	26
Bachelor's	4
Associate	0
Certificate	5
Other	0
Total	81

FACULTY

The Chicago School of Professional Psychology has 57 part-time and 22 full-time faculty members all with doctorate degrees.

FACILITIES

CSPP offers online and classroom lecture instruction for Louisiana students.

STAFF RECOMMENDATION

Given the programs' scope and the credentials of its faculty, the institution's campus, program accreditation, and the general oversight by the home campus, Senior Staff recommends approval of the application for *renewal* licensure from The Chicago School of Professional Psychology (CSPP).

Agenda Item IV.

2021 Health Works Commission Annual Report

Executive Summary

The Louisiana Health Works Commission, a legislatively created Commission, serves as a collaborative working group charged with coordinating resources relative to health care workforce development within various state departments and key organizations. The Commission is comprised of postsecondary, legislative, and medical organizations (see Table A). The Board of Regents provides the necessary staff to support the legislative charge and work of the Commission.

Table A: Louisiana Health Works Commission Organizations

Workforce Commission	Nursing Supply & Demand Council
Department of Health	LSU Health Shreveport
Hospital Association	LSU Health New Orleans
Nursing Home Association	Louisiana Community and Technical College System
Senate Committee on Health and Welfare	Louisiana Association of Independent Colleges and Universities
House Committee on Health and Welfare	University of Louisiana System
Governor's Office	Southern University System
Board of Regents	State Board of Nursing
Louisiana Association of Nurse Practitioners	Academy of Family Physicians
Medical Education Commission	Occupational Forecasting Conference
Louisiana State Board of Practical Nurse Examiners	LSU Health New Orleans School of Dentistry*
Simulation Medical Training and Education Council*	

*Ad Hoc Members

The Health Works Commission is required, pursuant to LA Revised Statute §17:2048.51, to submit an annual report. This report is composed of two sections:

- **Part 1:** 2021 Nursing Supply and Demand Council Annual Report
- **Part 2:** Louisiana Healthcare Workforce Landscape Report

In Part 1 of the report, the Nursing Supply and Demand Council, which is a subset of the Health Works Commission, is charged with studying all aspects of supply and demand of Advanced Practice Registered Nurses (APRNs), Registered Nurses (RNs), Licensed Practical Nurses (LPNs), and Nurse Aides. This report was approved by the Health Works Commission on February 15, 2022. In Part 2 of the report, the Board of Regents contracted with Impact Econ Research, to conduct a healthcare workforce landscape report to support the strategic efforts in creating a healthcare workforce pipeline. This work directly supports the Health Works Commission as well as the Master Plan goal of 60% of working-age adults in Louisiana holding a degree or high-value credential by 2030.

Key findings of the two reports include:

Part 1: 2021 Nursing Supply and Demand Council Annual Report

- The number of graduates from Louisiana's pre-Registered Nursing (RN) licensure programs increased by 7% since 2019, which represents an increase of 119 graduates in 2020. Since 2016, there has been a 4% increase in pre-RN licensure graduates.

- In 2019-2020, there was a 71% increase in current recipients of the Board of Regents Faculty Stipend. In 2019, 28 nurse faculty were receiving the stipend and in 2020 48 faculty were working on either a master's (10) or doctoral degree (38). There was also a 44% increase (88 in 2019-2020, 61 in 2018-2019) in the number of faculty who were previous stipend recipients.
- The Louisiana Center for Nursing (LCN) conducts a Nurse Employer Survey every four years to obtain data related to the demand for nurses in Louisiana. In the 2019 survey, the report estimated an unmet demand for 1,948 RNs, 1,301 Licensed Practical Nurses, and 942 Nurse Aides in 2019 at those facilities that participated in the survey.

Part 2: Louisiana Healthcare Workforce Landscape Report

- Data on job postings for healthcare occupations in Louisiana during the past five years shows that registered nurses account for the greatest labor shortage, with an average of 164 unique job postings per month.
- The labor supply estimates for 2030 show that nursing shortages will continue unabated if interventions are not undertaken. Data show that only 4,478 of the 10,660 registered nurse positions will be filled, leaving an average annual shortage of 618 registered nurses, or 42 percent of the total demand.

The next steps in response to this report and research include:

- The formation of a subcommittee to put forth an action plan to guide the future efforts of the Commission and prioritize report recommendations.
- The creation of a revised nurse educator stipend program, informed by a Commission subcommittee.
- Advocacy for funding of academic-practice partnerships to leverage public and private investments designed to encourage innovation and address regional healthcare workforce needs.

STAFF RECOMMENDATION

Senior Staff recommends the Board receive the 2021 Health Works Commissioner Report and authorize Regents staff to submit this report on behalf of the Board to the House and Senate Committees on Health and Welfare.

PART 1
NURSING SUPPLY & DEMAND COUNCIL
2021 ANNUAL REPORT
APPROVED BY THE HEALTH WORKS COMMISSION
February 2022

Executive Summary

The Nursing Supply & Demand Council (NSDC) is pleased to submit a report of its activities for 2021 and projected initiatives for 2022. The charge of the NSDC is to study all aspects of supply of and demand for Advanced Practice Registered Nurses (APRNs), Registered Nurses (RNs), Licensed Practical Nurses (LPNs) and Nurse Aides. Information on Louisiana's nursing workforce was obtained from data provided in the most recent report on Nursing Education Capacity in Louisiana, the most recent Nurse Supply Report, the Louisiana State Board of Practical Nurse Examiners annual report (LSBPNE) and reporting from the Louisiana Department of Health (LDH).

In the face of the ongoing demand for nurses at all levels, the Council continues to have concerns about the following:

- shortage of faculty;
- number of qualified students not admitted;
- lack of funding for nursing education; and
- challenges related to increasing the diversity of Louisiana's nursing workforce.

Activities

The NSDC, representing 17 statewide organizations and institutions, held a total of four meetings from January through December 2021 and accomplished the following collaborative activities:

- I. Reviewed reports from the Louisiana State Board of Nursing (LSBN), Louisiana Center for Nursing (LCN), LSBPNE, and LDH Health Standards Division regarding the supply of APRNs, RNs, LPNs, and Nurse Aides and made appropriate recommendations based on findings from these reports.
- II. Collaborated with the Louisiana Council of Administrators of Nursing Education (LACANE) to support the project funded by the Health Works Commission (HWC) to address the need for qualified master's- and doctoral-prepared faculty in Louisiana's pre-RN licensure and APRN programs. In 2020-21, LACANE awarded approximately \$98,577.58 in funding, which was distributed to 36 unique recipients teaching or planning to teach at 16 nursing schools in Louisiana.
- III. Prepared and submitted the 2020 NSDC Annual Report to the HWC.
 - a. In 2021, the HWC reviewed the 2020 NSDC Annual Report and used the data therein to leverage legislative support for capitation funds to build capacity in nursing education. NSDC will review data annually to evaluate the effects of capitation funding. The Council recognizes that annual approval of capitation funds is critical for sustainable increases in nursing education capacity.

Key Findings Pertinent to the Council's Charge

Supply – Education

I. Admission and Enrollment

A. RN

- i. In 2020, 14,725 students enrolled in postsecondary education settings in Louisiana declared nursing as their major. This represents a 4% increase in number of enrolled students. Over the last five years (2016 to 2020) there has been a 29% increase in the number of students applying for admission to Louisiana's pre-RN licensure programs.
- ii. In 2020, pre-RN licensure programs in Louisiana admitted 72% (3,611) of qualified applicants (4,992), compared to 69% (3,390) in 2019 and 70% (3,198) in 2018. Over the last five years, there has been a 25% increase in the number of qualified applicants admitted.
- iii. In 2020, the number of students enrolled in clinical nursing courses increased by 8% (6,476 in 2019 and 6,973 in 2020).
- iv. In 2020, 64% of pre-RN students were enrolled in baccalaureate (BSN) programs, 35% in associate's degree (AD) programs, and one percent in the state's only diploma program.
- v. Diversity:
 1. In 2019-2020, 41% of the students enrolled in pre-RN licensure programs in Louisiana were minorities. There was a 24% increase in the number of Black/African American students, an 8% increase in the number of Asian students, a 2% increase in the number of Hispanic/Latino students, and a 16% increase in those reporting Other.
 2. Males continue to account for only 12% of the students enrolled in pre-RN licensure programs.

B. APRN

- i. In the 2019-2020 report year, there was an 8% decrease in the number of students admitted to APRN programs in Louisiana compared to a 10% increase reported in the previous year.
- ii. Eighty-nine percent (608) of the 683 new admits were admitted to NP programs and 11% (75) were admitted to CRNA programs.
- iii. There was an overall 7% increase in the number of students enrolled in Louisiana's APRN programs during the current report year: 86% were enrolled in NP programs, 14% in CRNA programs, and less than 1% in CNS programs.
- iv. Diversity:
 1. In 2019-2020, approximately 35% of the students enrolled in Louisiana's APRN programs were minorities.
 2. Since 2016, there has been an 80% increase in the number of Hispanic/Latino students, a 58% increase in the number of Black/African

American students, and a 41% increase in the number of Asian students enrolled in Louisiana's APRN programs.

3. In 2020, 16% of APRN students were male and 84% were female.

C. LPN

- i. LPN programs admitted 70% (1,649 of 2,342) of qualified applicants in 2019-2020 as compared to 64% (1,735 of 2,704) in 2018-2019. This represents an increase of six percent in the number of PN students admitted to Louisiana LPN programs despite a decrease in the number of qualified applicants.
- ii. In the 2019-2020 academic year 1,210 students withdrew from LPN programs in Louisiana compared to 1,103 in 2018-2019, which represents a 9.7% increase in the number of withdrawals. The number of withdrawals has increased 20% over the last two years.
- iii. Diversity: Approximately 62% (1,306 of 2,111) of the students admitted (both first-time and readmits) to Louisiana's LPN programs in 2019-2020 were minorities. Approximately 57% percent of the new admits were Black/African American, less than 2% were Hispanic/Latino, and approximately 2% were American Indian/Alaskan Native, Asian, Hawaiian/Pacific Islander, Multiracial, and Other.

D. Nurse Aides

- i. In 2019-20, there were 169 Certified Nurse Aides (CNAs) who applied for articulated credit for entry into practical nurse programs (compared to 189 in 2018-2019; 226 in 2017-18; 213 in 2016-2017; 225 in 2015-2016). Of those who applied for credit, 92% (155) were granted the credit compared to 86.8% (164) receiving credit in 2018-2019.

II. Graduates

A. RN

- i. The number of graduates from Louisiana's pre-RN licensure programs increased by 7% since 2019, which represents an increase of 119 graduates in 2020. Since 2016, there has been a 4% increase in pre-RN licensure graduates.
- ii. Of the 2019-20 pre-RN graduates, 60% (1,294) of the 2,148 graduates completed BSN programs, 38% (816) completed AD programs, and 2% (38) completed Louisiana's only diploma program.
- iii. There was a 19% increase in the number of graduates from LPN to AD programs, a 7% increase in the number of graduates from LPN to BSN programs, and a 21% increase in the number graduating from accelerated programs.
- iv. The number of male graduates increased by 5% in 2019-2020 (235) when compared to 2018-2019 (224).
- v. Diversity: In 2019-2020, 31% (674) of the graduates from pre-RN licensure programs in Louisiana were minorities, which reflects an 11% increase in the number of minority graduates when compared to 2018-2019 (607 minority graduates). The greatest number of African American/Black graduates (246), Hispanic graduates (67), and Asian graduates (30) were from BSN programs.

B. APRN

- i. In the 2019-2020 report year, there were a total of 434 graduates from Louisiana's APRN programs, which represents a 6% decrease when compared to the 463 graduates in the previous report year (2018-2019).
- ii. In this report year, the majority of the graduates were from NP programs (84%), followed by CRNA programs (16%). There were no graduates from CNS programs in the current report year.
- iii. Diversity:
 1. Twenty-nine percent (127) of the graduates from APRN programs in Louisiana were minorities compared to 28% (110) in the previous report year.
 2. Males represented 18% (77) of the graduates from Louisiana's APRN programs.

C. LPN

- i. In 2019-20, there were 875 graduates from Louisiana's LPN programs. Graduate numbers have fluctuated, but there has been a general decline in the number of LPN graduates over the last ten years: 875 graduates in 2019-2020 compared to 1,370 in 2009-2010, which represents a 36% decrease.

D. Nurse Aide

- i. In 2020, there were 211 schools and 94 nursing homes in Louisiana approved for CNA training and 2,347 CNAs were newly certified.

III. Pass Rates

A. RN

- i. In 2020, there were 2,158 RN candidates (2,044 in 2019) from nursing education programs in Louisiana who took the NCLEX-RN examination for the first time, which represents a 6% increase in number of examinees.
- ii. The first-time passage rate on the NCLEX-RN exam for candidates from Louisiana in 2020 was 92.77%, which exceeds the 86.57% national passage rate. The passage rate on the NCLEX-RN exam for Louisiana's graduates continues to exceed that of the nation.

B. APRN

- i. In 2019-2020, 386 APRN candidates sat for their respective certification exams. Three hundred and sixty-three (363) candidates successfully passed their certification exams, resulting in a 94.04% passage rate for the state.

C. LPN

- i. The 2019 NCLEX-PN national LPN passage rate for first-time, U.S.-educated graduates was 83.7%. Louisiana's LPN passage rate was 84.7%. Louisiana's LPN programs have exceeded the national average in all of the past 26 years, except in 2018.

IV. Faculty

A. All Nursing Faculty

- i. Mean salaries for nursing faculty in Louisiana remain below the national mean for four-year public colleges.
- ii. According to the American Association of Colleges of Nursing (AACN), faculty shortages at nursing schools across the country are limiting student capacity at a time when the need for professional registered nurses continues to grow (2021). *Fang, D. and Trautman, DE (2021). *American Association of Colleges of Nursing Salaries of Instructional and Administrative Nursing Faculty in Baccalaureate and Graduate Programs in Nursing*.

B. RN

- i. There were 505 budgeted full-time nurse faculty positions reported by Louisiana's pre-RN licensure programs as of October 15, 2020 compared to 482 on October 15, 2019, which reflects a 5% increase from the previous year.
- ii. There were 23 vacant nurse faculty positions reported by Deans and Directors in the current report year compared to 31 in the previous report year, which represents a 26% decrease in the number of vacant nurse faculty positions across the state.
- iii. In 2019-2020, there was a 71% increase in current recipients of the Board of Regents Faculty Stipend. In 2019, 28 nurse faculty were receiving the stipend and in 2020 48 faculty were working on either a master's (10) or doctoral degree (38). There was also a 44% increase (88 in 2019-2020, 61 in 2018-2019) in the number of faculty who were previous stipend recipients.

- iv. In 2020, 48 faculty positions were funded from grants, capitation funds, additional appointments, and/or other funding sources compared to 29 positions in 2019, which represents a 66% increase in the number of faculty positions funded by other sources.
- v. In 2019-2020, over half (51%) of the nurse faculty teaching in Louisiana's pre-RN licensure programs were 51+ years and 23% were 61+ years of age.
- vi. Nursing programs cite noncompetitive salaries for nursing faculty and a lack of qualified faculty as the top reasons that Louisiana's pre-RN licensure programs cannot admit hundreds more qualified students.
- vi. Diversity: In 2019-2020 approximately 32% (284) of the faculty teaching in Louisiana's pre-RN licensure programs were minorities, which represents a 7% increase compared to the previous report year.

C. APRN

- i. There was a 7% increase in the number of graduate nurse faculty holding a doctorate in nursing compared to a 20% increase observed in the previous report year.
- ii. There was a 6% increase in the number of faculty holding a DNP in 2019-2020, with a total 84% increase over the past five years. The number of PhDs increased by seven, going from 37 in 2018-2019 to 44 in 2019-2020.
- iii. There were 130 filled full-time graduate nurse faculty positions reported statewide, which reflects an 8% increase in number. Only four vacant graduate nurse faculty positions were reported in 2020, which represents a 20% decrease in the number of vacancies from the previous year and a 64% decrease in vacancies over the past five years.
- iv. Diversity:
 - 1. There was a 13% increase in the number of graduate nurse faculty who were males since the 2019 report year.
 - 2. Twenty-one percent (69) of the faculty teaching in graduate nursing programs in Louisiana were minorities in the current report year.

D. LPN

- i. In 2019-2020, there were 188 budgeted full-time Practical Nurse faculty positions, which is a 2% decrease since last year (192 in 2018-2019). Of the budgeted positions, 92.6% (174) were filled in 2019-2020, compared to 90% (174) in 2018-2019.

Supply – Current Workforce

V. **2020 RN, APRN and LPN Licensure Data and Nurse Aide Registry Data**

The use of data for trend analysis started in 2018 with the introduction of the ORBS system for license renewal. There will be no five-year variances reported until the 2023 Annual Report.

A. RN

- i. In 2020, there were 66,076 RNs holding an active license in Louisiana compared to 69,647 in 2019, which represents a 5.1% decrease in RNs. Of those licensed RNs, 90% were Louisiana residents and 10% resided outside of Louisiana.
- ii. Diversity:
 1. In 2020, 18% (10,557) of licensed RNs living in Louisiana were 60 years or older and 20% (11,870) were between the ages of 50 and 59. These percentages do not reflect a significant change from 2019.
 2. In 2020, the racial distribution of RNs residing in Louisiana was 79% White, 17% Black/African American, 2% Asian, and 1% or less for each of the other races (two or more races, Other, American Indian/Alaskan Native, Native Hawaiian/Pacific Islander). Three percent of RNs in Louisiana were of Hispanic origin in 2020, which was unchanged from 2019.
 3. The gender of RNs residing in Louisiana continues to be predominantly female (88% female, 12% male).

B. APRN

- i. In 2020, there were 7,630 APRNs holding an active Louisiana APRN license, which represents a 7% increase over the previous year (7,121 in 2019). Eighty-seven percent (6,649) of the APRNs reported residing in Louisiana.
- ii. Of the APRNs residing in Louisiana, 76% (4,748) were Nurse Practitioners (NPs), 22% (1,370) were Certified Registered Nurse Anesthetists (CRNAs), 2% (107) were Clinical Nurse Specialists (CNSs), and 1% (47) were Certified Nurse Midwives (CNMs).
- iii. Diversity:
 1. In 2020, 12% (809) of licensed APRNs living in Louisiana were 60 years or older and 19% (1,256) were between the ages of 50 and 59, which is similar to last year's report.
 2. In 2020, the racial distribution of APRNs residing in Louisiana was 82% White, 15% Black/African American, 1% Asian, and less than 1% for each of the other races (two or more races, American Indian/Alaskan Native, Native Hawaiian/Pacific Islander and Other). Two percent of APRNs in Louisiana were of Hispanic origin.

3. The gender of APRNs residing in Louisiana is predominantly female (79% female, 21% male).

C. LPN

- i. In 2019-2020, 23,010 nurses held a license to practice as an LPN in Louisiana, which reflects an almost 4% increase when compared to the previous year (22,207). Of the LPNs holding a Louisiana license, 22,480 (97.7%) lived in Louisiana, while 530 (2.3%) reported home addresses outside of Louisiana.
- ii. Diversity: In 2019-2020, 56% (12,914) of the LPN workforce was White, 40.6% (9,356) was Black/African American, and 2% (560) was Hispanic/Latino, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, Multiracial, and Other. In terms of gender, 95% (21,940) of the LPN workforce was female.

D. Nurse Aide (NA)

- i. Data on the supply of NAs represents only that gathered from Louisiana Department of Health's CNA Registry. Once certified and employed, many NAs do not recertify and therefore are not represented in the data. These data also do not capture the number of Nurse Technicians, who are nursing students with requisite skills employed in healthcare facilities working in a capacity similar to NAs.
- ii. In 2020, there were 209,815 NAs in the registry, both certified and uncertified, up from 207,524 in 2019. There were 41,744 certified NAs in good standing on the CNA Registry. There were 2,347 new CNAs in 2020 compared to 4,756 in 2018, which represents a 49% decrease in new CNAs over the last two years. Every year, thousands of CNAs change in status from certified to not certified (4,530 in 2020, 7,671 in 2019, 4,400 in 2018, and 7,697 in 2017).

Demand

- VI. The LCN conducts a Nurse Employer Survey every four years to obtain objective data related to the demand for nurses in Louisiana. The following results from the 2019 survey and Louisiana's 2019 Nursing Workforce Demand Report were reviewed.
 - A. A total of 1,405 health care facilities received the 2019 LCN Nurse Employer Survey with 489 surveys completed, yielding an overall 35% response rate.
 - B. The number of estimated RN vacancies in hospitals doubled, going from 2,033 in 2014 to 4,065 in 2018, an increase of 99.95%.
 - C. The highest vacancy rates for direct care RNs were 19.2% percent for long-term care facilities, 10.5% for Federally Qualified Health Centers, 9.5% for hospitals and 9.2% for home health.
 - D. In 2018, the median turnover rate for RNs in hospitals in Louisiana was 19.4% compared to a median turnover rate of 13.8% in 2014 and 17.0% in 2010.
 - E. The report estimated an unmet demand for 1,948 RNs, 1,301 LPNs, and 942 NAs in 2019 at those facilities that participated in the survey.

- F. When vacancies were imputed for non-responding facilities, the total number of vacancies for all types of nursing personnel increased by 149% (9,284 estimated vacancies). The majority of the RN vacancies were for direct care RNs (4,484), which increased by 79% when compared to 2014 (2,504).

*Post-pandemic survey data will be critical as nursing demand has increased along with turnovers and vacancies. Additionally, temporary staffing through travel and contract employment during the pandemic has increased dramatically as nurses leave their full-time or part-time employment for high-wage temporary positions.

Recommendations

Supply – Education

- I. Expand capitation funds that provide funding to postsecondary education institutions to increase the capacity of RN and LPN programs in Louisiana.
- II. Advocate for and support academic-practice partnerships both to increase capacity of nursing programs (working nurses serving as mentors/faculty) and to improve retention (nurse residency programs).
- III. Provide nursing program infrastructure grants to improve nurse faculty retention and support faculty development, workload adjustments, mentorship of nurse faculty, and certification.
- IV. Provide funding for the development of a statewide strategic plan to address the nursing shortage and, specifically and ultimately, to increase diversity in the workforce.
- V. Support funding opportunities (grants, scholarships, tuition reduction programs, etc.) to decrease tuition costs for nursing students, especially those from diverse backgrounds.
- VI. Address nurse faculty salary disparities, which are among the most significant barriers to attracting nurse faculty to Louisiana.
- VII. Reinstate the stipend program previously administered by the Board of Regents, which provided a maximum of \$40,000 to nurses who agreed to pursue a graduate degree (master's and/or doctorate) in nursing and committed to teach in an RN program one year for each \$10,000 received in support.
- VIII. Remove legislative barriers that prevent nurse faculty from working as adjunct faculty upon retirement (e.g., discontinuation or reduction of retirement benefits).
- IX. Support removal of barriers to certification testing for CNAs.
- X. Identify and document strategies to improve access, admission, retention and graduation of minority students in the nursing workforce.

Supply – Current Workforce

- XI. Collaborate with hospitals, long-term care facilities, and other employers across the state to create nursing practice environments that attract and retain nurses, especially in areas of greatest need.

- XII. Develop strategies to collect and review workforce data on all NAs.
- XIII. Explore the feasibility of offering a temporary license to LPN graduates prior to their taking the NCLEX-PN licensure exam.
- XIV. Remove regulatory barriers (i.e., Collaborative Practice Agreement) to APRN practice to allow APRNs to practice to the full extent of their licensure and education.
- XV. Consider moving the demand study from a four-year to an annual cycle.
- XVI. Collaborate with practice partners and the Louisiana Hospital Association to increase response rates for the demand study.
- XVII. Make the forecast model accessible to regional practice partners.

Supply – Diversity Data

- XVIII. In 2022, conduct a comprehensive diversity study.

Other Collaborations

- XIX. Create a collaborative committee or council including nurse educators, nurse executives, and LSNA to explore nurses' transition into practice as well as retention.

Continuing Recommendations

- XX. Work collaboratively with LSBN, LCN, LSBPNE, and the LDH CNA Registry to obtain and review Louisiana's nursing workforce data (APRN, RN, LPN and CNA) and make recommendations to the HWC related to nursing workforce supply and demand and to nursing education capacity.
- XXI. Continue collaborative work with the Louisiana Action Coalition (LAC) in moving forward the following pillars of work in Louisiana, based on the recommendations in the Institute of Medicine Report on the Future of Nursing: *Leading Change, Advancing Health* (2011):
 - 1. Leveraging nurse leadership;
 - 2. Promoting inclusivity/health equity;
 - 3. Improving access and removing barriers to practice;
 - 4. Increasing the diversity of the nursing workforce; and
 - 5. Increasing the number of RNs with a BSN degree or higher.
- XXII. Support the LCN in its ongoing assessment of diversity in Louisiana's nursing workforce (race/ethnicity and gender) and continue to identify and implement innovative strategies that can be used to increase the diversity of the nursing workforce.

NSDC Membership

The Louisiana State Board of Nursing
The Louisiana State Board of Practical Nurse Examiners
The Louisiana Nursing Home Association
The Louisiana State Nurses Association
The Louisiana Hospital Association
The Louisiana Board of Regents
The Louisiana Office of Public Health
The Louisiana Association of Independent Colleges and Universities
The Louisiana Black Nurses Organization New Orleans, Louisiana
The Louisiana Council of Administrators of Nursing Education
The Louisiana Association of Nurse Anesthetists
The Louisiana Organization for Nursing Leadership
The Louisiana Association of Nurse Practitioners
The Louisiana Council of the Association of Peri-Operative Registered Nurse Chapters
The Louisiana School Nurses Organization
The Southern University A&M School of Nursing
The President of the Louisiana Community and Technical College System

Health Works Commission Membership

The Louisiana Department of Labor
The Louisiana Department of Health and Hospitals
The Louisiana Hospital Association
The Louisiana Nursing Home Association
The House and Senate Committees on Health and Welfare
The Governor's Office
The Louisiana Board of Regents
The Nursing Supply and Demand Council
The Louisiana State University Health Sciences Center at Shreveport
The Louisiana State University Health Sciences Center at New Orleans
The Louisiana State Board of Nursing
The Louisiana Community and Technical College System
The University of Louisiana System
The Southern University System
The Louisiana Association of Independent Colleges and Universities
The Medical Education Commission
The Occupational Forecasting Conference
The Louisiana State Board of Practical Nurse Examiners
The Louisiana Academy of Family Physicians
The Louisiana Association of Nurse Practitioners

Data used in this report were taken from reports completed by the Louisiana State Board of Nursing – Center for Nursing, available at the following links:

<http://lcn.lsbns.state.la.us/Portals/0/Documents/2019NursingEducationCapacityReport.pdf>;

<http://lcn.lsbns.state.la.us/Portals/0/Documents/2019%20Nurse%20Supply%20Report.pdf>.

[Additional data were collected from](#) the Louisiana State Board of Practical Nurse Examiners. The NSDC



impact econ research



Louisiana Healthcare Workforce

Landscape Report

TABLE OF CONTENTS

Summary	1
Consumer Demand.....	2
Existing Labor Market	6
Projected Labor Market	17

Summary

As in most industries, the demand for labor by employers in the healthcare industry is derived from the consumer demand for healthcare services. Yet according to the Agency for Healthcare Research and Quality, Louisiana is in the bottom ten states in overall healthcare quality. Louisiana's low national ranking in overall healthcare quality is largely driven by the limitations residents face in accessing different types of care. In effect, the high level of need and demand for healthcare services in Louisiana is not being met and labor shortages are a major contributor to this deficit.

The share of Louisiana residents accessing primary care services, or the preventative care visit utilization rate, has grown to 45 percent, marking a 50 percent increase between 2008 and 2019. The rate of outpatient visits has also increased by 20 percent, to 2,909 visits per 100,000 residents. These increases have had a substitutive effect on the incidence of hospital admissions, which have declined by 21 percent, from 154 to 122 hospital admissions per 100,000 residents. The hospital admissions rate in Louisiana has declined faster than the national hospital admissions rate because the increase in primary care access for Louisiana residents has increased drastically from historically low levels. Additionally, the number of residents in certified nursing home facilities has declined by five percent, from 26,930 to 25,515 between 2003 and 2019.

Since 2015, labor shortages in the healthcare and social assistance sector have been driven by increasing numbers of workers leaving the sector as well as by growth in consumer demand for healthcare services. Nationally, the COVID-19 pandemic then led to a record 1.2 million workers laid off in March 2020 alone. A large share of the workers laid off did not return to work in the healthcare and social assistance sector. As a result, the healthcare industry is facing a labor shortage that initially started with an increase in worker-initiated quits and was magnified by the pandemic-related layoffs.

Data on job postings for healthcare occupations in Louisiana during the past five years shows that registered nurses account for the greatest labor shortage, with an average of 164 unique job postings per month. Licensed practical nurses contribute 157 unique job postings per month and medical surgical registered nurses account for 89 unique job postings per month. The data show that nursing-related occupations account for the great majority of the labor shortage in Louisiana, with the exception of some occupations for technicians and therapists.

Data show that the demand for registered nurses, the largest occupation in the health industry, is driven mainly by hospitals. The second-largest occupation is home health aides, for which employment is distributed among hospitals, nursing care facilities, and home healthcare services. Third is licensed practical and licensed vocational nurses, with employment shared among hospitals, nursing care facilities, and outpatient care centers. The fourth largest healthcare occupation is physicians and surgeons, with employment concentrated in hospitals and physician offices. Data on the next 28 largest occupations employed in the healthcare industry show that most other occupations are employed in hospitals, physician offices, or outpatient care centers.

Women represent the majority of workers in most healthcare occupations, including the highest-demand occupation – registered nurses. Additionally, most occupations across the healthcare

industry exhibit large concentrations of either white or Black workers, but rarely reflect the actual racial distribution of the Louisiana population.

This report will 1) explain why the demand for workers in the healthcare industry has grown faster than the labor supply, 2) forecast the demand and supply of labor in the year 2030, and 3) detail the extent of workforce shortages.

The labor supply estimates for 2030 show that nursing shortages will continue unabated if interventions are not undertaken. Data show that only 4,478 of the 10,660 registered nurse positions will be filled, leaving a shortage of 6,182 registered nurses, or 42 percent of total demand. Data show that the magnitude of existing labor shortages is projected to increase. Labor supply should grow at a faster pace when pandemic labor market constraints (risk of sickness, lack of childcare, etc.) recede. However, with the continuation of the current labor market, large labor shortages in the healthcare industry are projected into 2030.

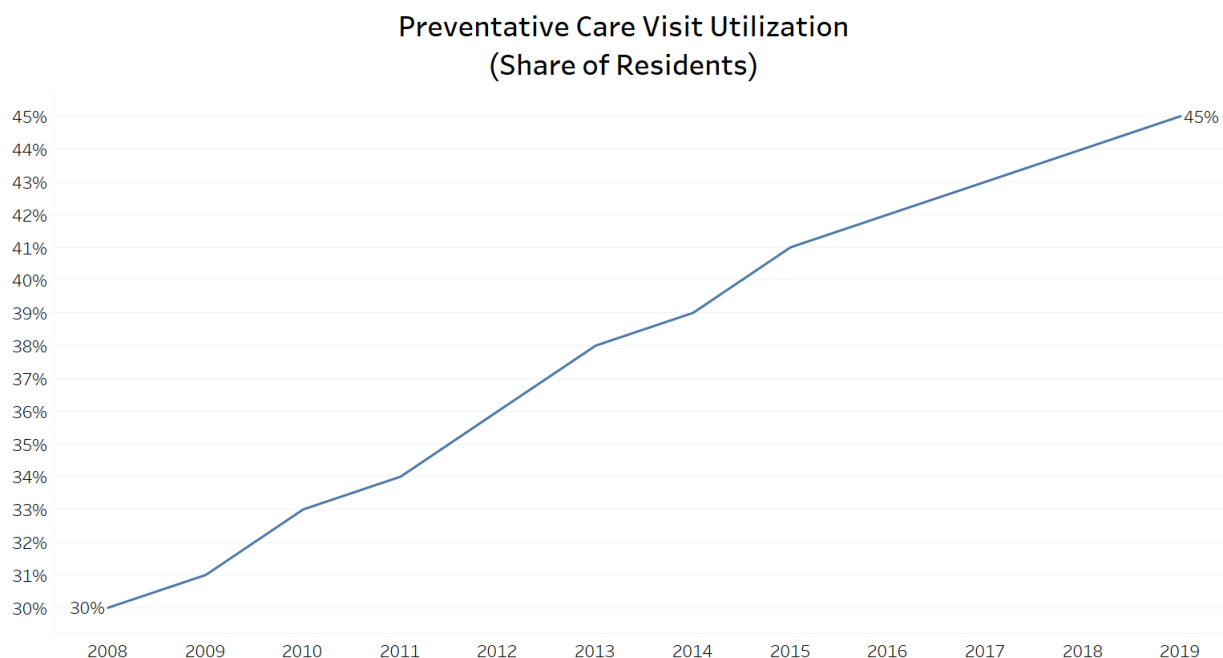
Consumer Demand

According to the Agency for Healthcare Research and Quality, Louisiana is in the bottom ten states, out of 50, in overall healthcare quality, along with Arkansas, California, Florida, Georgia, Nevada, New Mexico, Oklahoma, Tennessee, and Texas.¹ Louisiana's low national ranking in overall healthcare quality is largely driven by the limitations residents face in accessing different types of care. **In effect, the high level of need and demand for healthcare services in Louisiana is not being met.**

Like most industries, the demand for labor by employers in the healthcare industry is derived from consumer demand for healthcare services. Yet the data collected in this report point to several labor-market-related constraints on the ability of healthcare providers to meet consumer demand for healthcare services. This section details the consumer demand for healthcare services in order to better understand the healthcare services driving the demand for labor in Louisiana's healthcare industry.

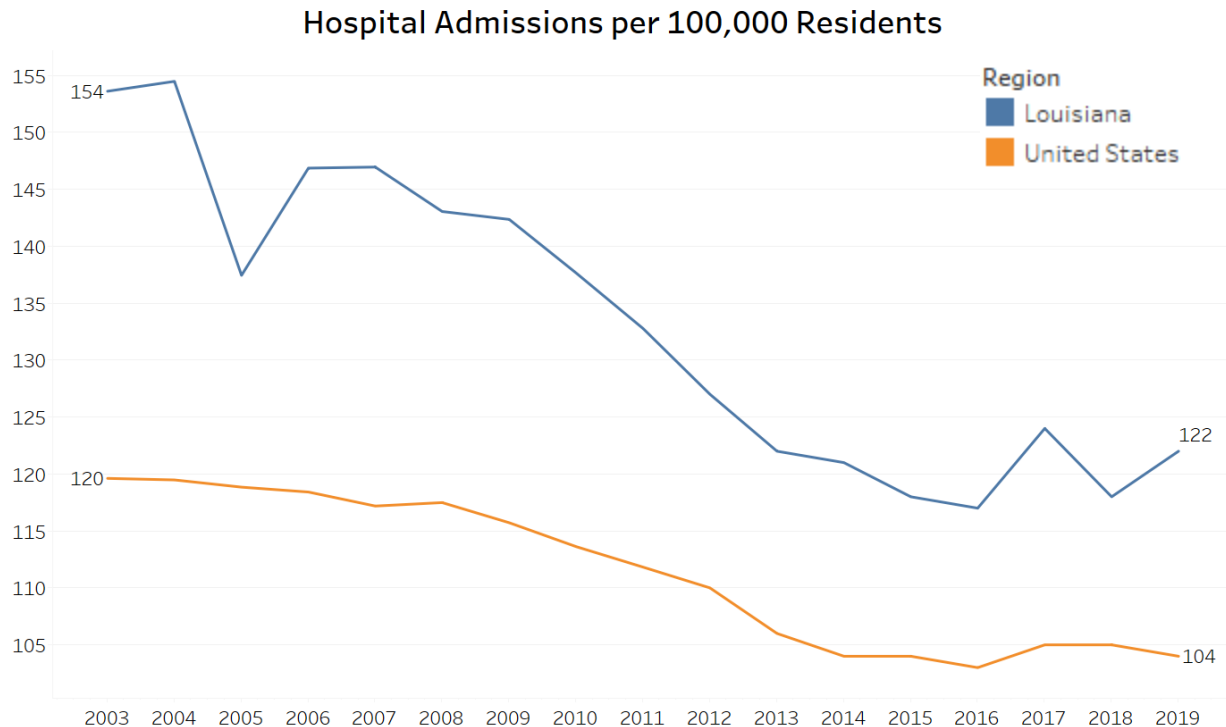
Consumer demand for healthcare services is revealed in the use of different kinds of services by Louisiana residents. However, data signal that, due to existing constraints on broad healthcare service access, the potential demand for healthcare services in Louisiana is considerably higher than the services currently consumed. The share of Louisiana residents accessing primary care services, the preventative care visit utilization rate, has increased by 50 percent between 2008 and 2019, to 45 percent. The data support evidence that a large share of Louisiana residents, 55 percent, continue to lack access to preventative care services. Data on consumer demand for healthcare services in the years after 2019 are not currently available but the COVID-19 pandemic has drastically increased demand since 2019.

¹Source: Agency for Healthcare Research and Quality. 2018. *2015 National Healthcare Quality and Disparities Report*. <https://www.ahrq.gov/data/infographics/state-compare-text.html> Note: Healthcare quality is based on three dimensions: type of care (such as preventive or chronic), setting of care (such as nursing homes or hospitals), and clinical areas (such as care for patients with cancer or diabetes).



Source: Robert Graham Center. 2021. Primary Care in the United States: A chartbook of facts and statistics.
<https://www.graham-center.org/content/dam/rgc/documents/publications-reports/reports/PrimaryCareChartbook2021.pdf>

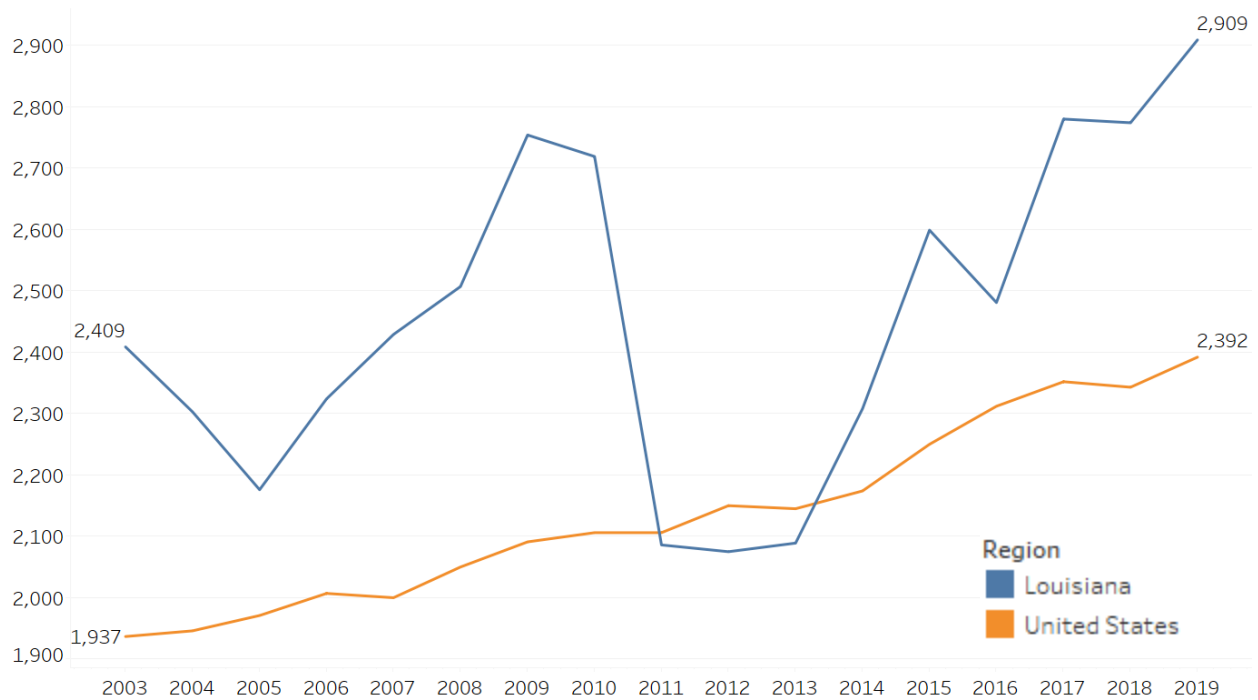
The sharp increase in preventative care access has occurred parallel to a steady decline in the use of hospital services as measured by the number of hospital admissions per 100,000 residents. Between 2003 and 2019, the rate of hospital admissions declined by 21 percent, from 154 to 122 hospital admissions per 100,000 residents. The latter is due to the substitutive effect of preventative care on the incidence of hospital admissions. The hospital admissions rate in Louisiana has declined faster than the national hospital admissions rate because the increase in primary care access for Louisiana residents has increased drastically from historically low levels.



Source: Henry J. Kaiser Family Foundation. 2021. State Health Facts: Analysis of 1999 - 2019 AHA Annual Survey, Copyright 2020 by Health Forum, LLC, an affiliate of the American Hospital Association. <https://www.kff.org/other/state-indicator/admissions-by-ownership/?currentTimeframe=0&selectedRows=%7B%22wrapups%22:%7B%22united-states%22:%7B%7D%7D,%22states%22:%7B%22louisiana%22:%7B%7D%7D%7D&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>

The increase in outpatient visits per 100,000 residents has also contributed to the decline in hospital admissions because, like primary care visits, they reduce the incidence of hospital visits and admissions. Between 2003 and 2019 Louisiana and the nation experienced similar increases, 20 and 23 percent respectively, in the rate of outpatient visits per 100,000. While the rate of outpatient visits in Louisiana has been relatively inconsistent, it has typically been higher than the national rate.

Outpatient Visits per 100,000 Residents

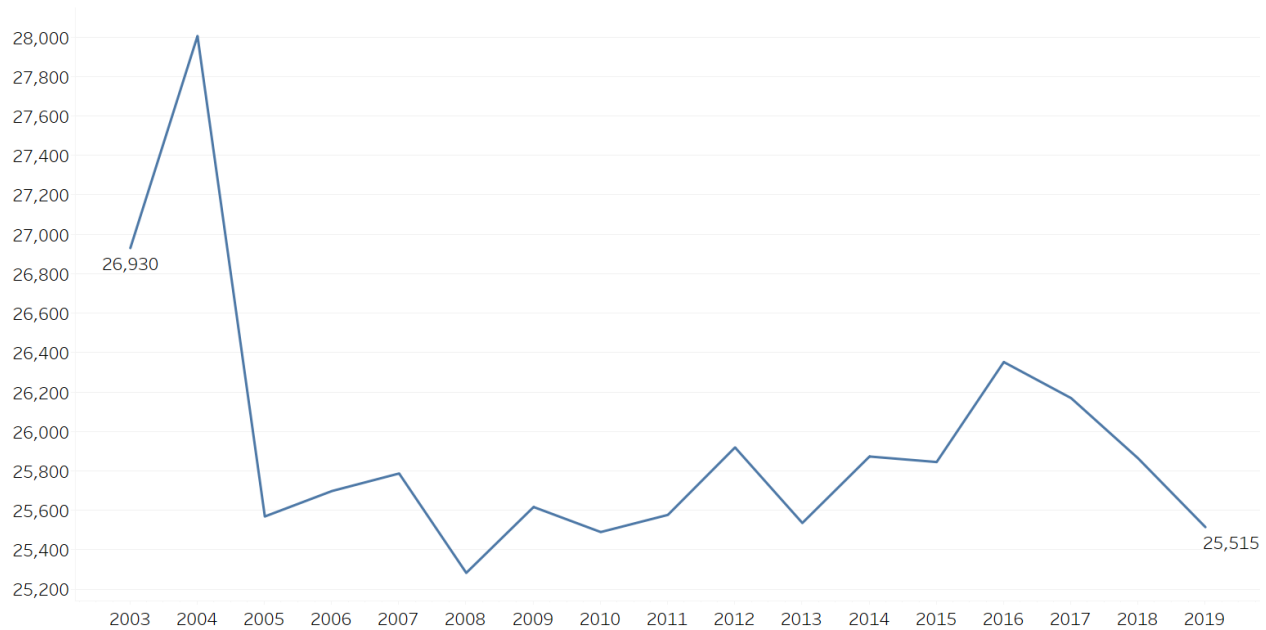


Source: Henry J. Kaiser Family Foundation. 2021. State Health Facts: Analysis of 1999 - 2019 AHA Annual Survey, Copyright 2020 by Health Forum, LLC, an affiliate of the American Hospital Association.

<https://www.kff.org/other/state-indicator/outpatient-visits-by-ownership/?currentTimeframe=0&selectedRows=%7B%22wrapups%22:%7B%22united-states%22:%7B%7D%7D,%22states%22:%7B%22louisiana%22:%7B%7D%7D%7D&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>

The number of residents in certified nursing home facilities declined by five percent between 2003 and 2019. Unlike the sharp decline in hospital admissions, the modest drop in the number of residents in certified nursing home facilities is not directly related to increases in primary care visit utilization or the rate of outpatient visits; however, it should be noted that the number of residents in certified nursing home facilities has generally followed the state's population growth, which increased steadily during much of the last decade before modestly declining beginning in 2016.

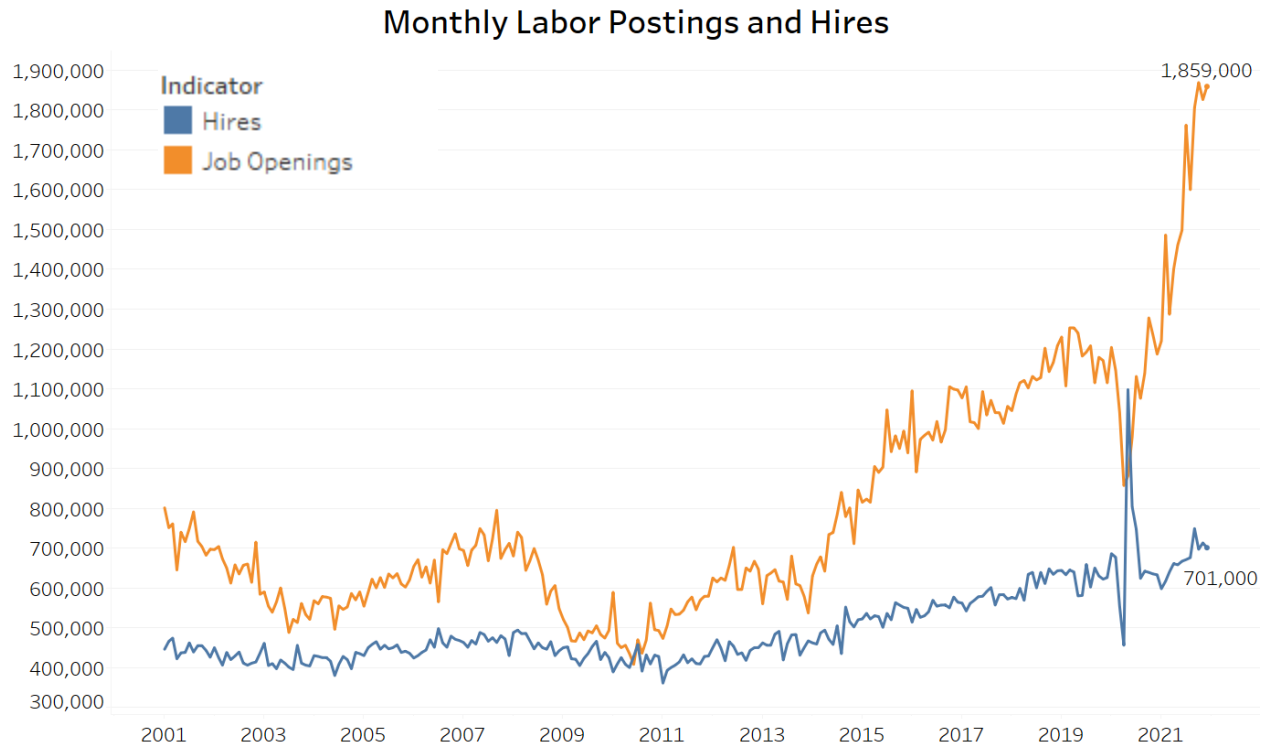
Residents in Certified Nursing Home Facilities



Source: Henry J. Kaiser Family Foundation. 2021. State Health Facts: Analysis of Certification and Survey Provider Enhanced Reports (CASPER) data. <https://www.kff.org/other/state-indicator/number-of-nursing-facility-residents/?activeTab=graph¤tTimeframe=0&startTimeframe=16&selectedRows=%7B%22wrapups%22:%7B%22united-states%22:%7B%7D%7D,%22states%22:%7B%22louisiana%22:%7B%7D%7D%7D&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D#>

Existing Labor Market

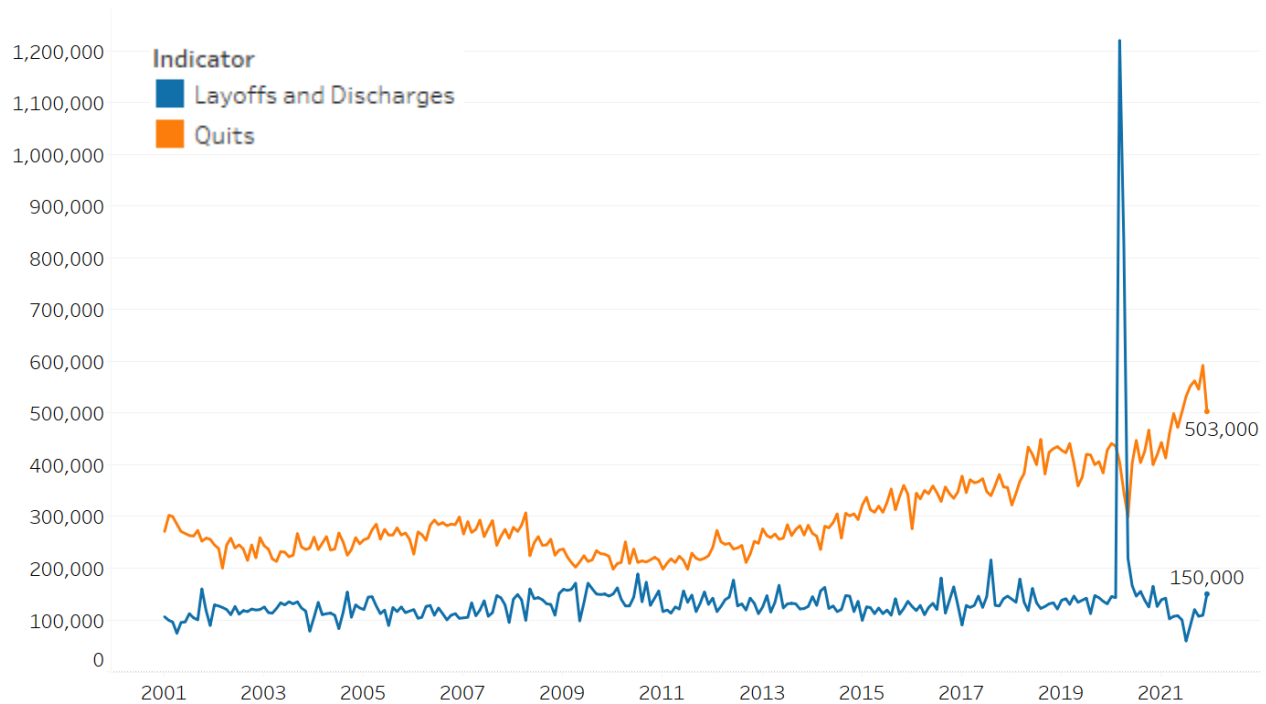
Nationally the labor market for the healthcare and social assistance sector experienced steady growth during the past decade, as shown by the stable increase in hires during that period. Since 2015, however, the number of job openings have grown at a much faster pace than the rate of hires. The data suggest that labor demand for healthcare workers has increasingly been unmet by the American labor force. Data on hires and job openings for Louisiana's healthcare and social assistance sector are unavailable, but the national trend confirms that labor shortages in the healthcare industry have grown since 2015. The COVID-19 pandemic temporarily increased hires in 2020 but the number of job postings has grown even faster than the pre-pandemic trajectory. Unlike data on the consumer demand for healthcare services, data on the labor market dynamics of the healthcare sector are reported monthly and enables analysis of employment in the sector through December 2021, excepting quarterly industry data.



Source: Author analysis of the U.S. Bureau of Labor Statistics Job Openings and Labor Turnover Survey.
<https://www.bls.gov/jlt/>

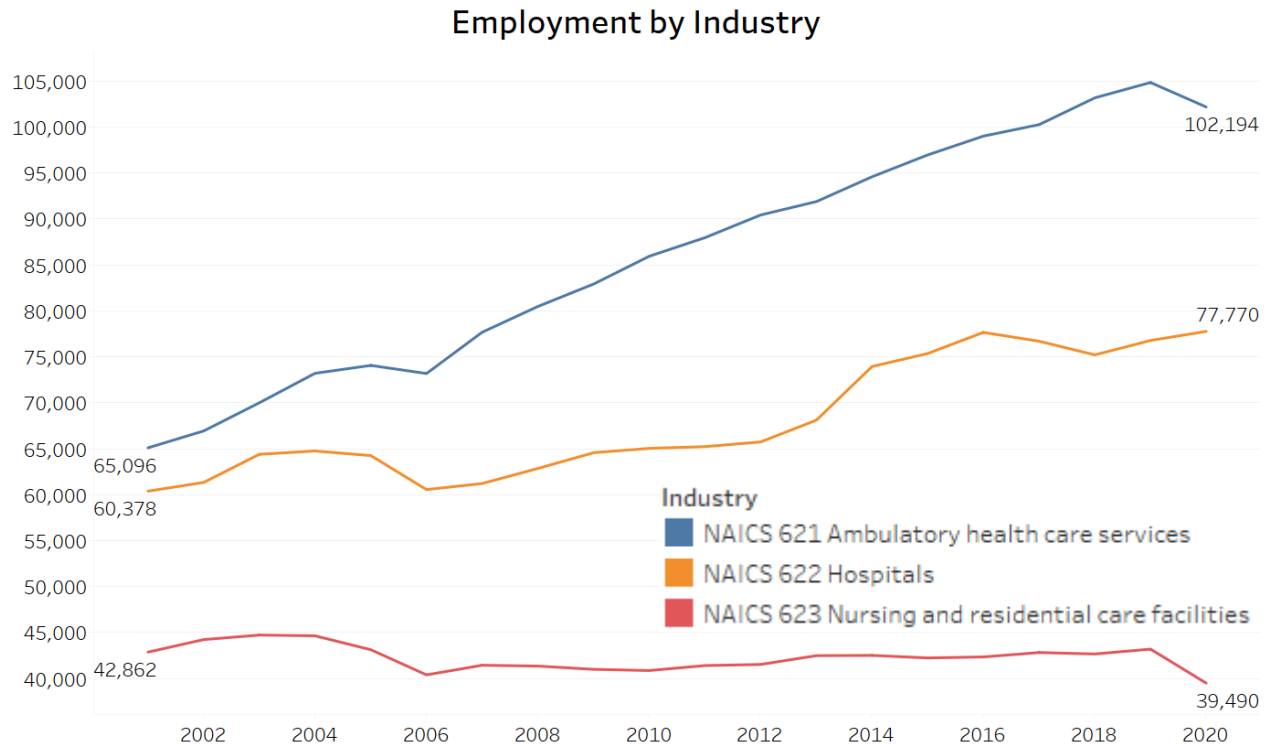
National data on quits, layoffs and discharges provide insight into the cause of the sharp increase in healthcare and social assistance job postings. The numbers of layoffs and discharges (terminations) were relatively stable for much of the two decades preceding the pandemic. Conversely, the rate of quits was stable for much of the 2000s but increased rapidly during the 2010s. This means that job postings have been driven by an increasing number of workers leaving the sector as well as by growth in consumer demand for healthcare services. Furthermore, the pandemic led to a record 1.2 million workers being laid off in March 2020 alone, with a large share of those workers not returning to work in the healthcare and social assistance sector. **As a result, the healthcare industry is facing a labor shortage that started with an increase in worker-initiated quits and was magnified by pandemic-related layoffs.**

Monthly Labor Turnover



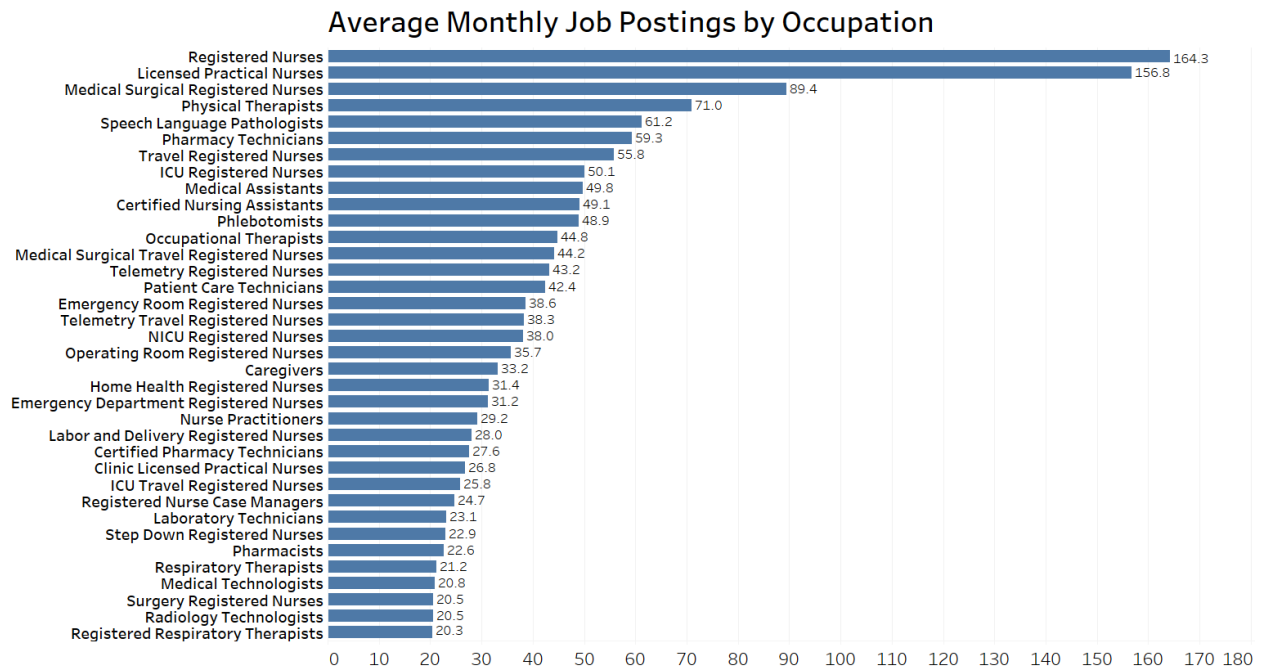
Source: Author analysis of the U.S. Bureau of Labor Statistics Job Openings and Labor Turnover Survey.
<https://www.bls.gov/jlt/>

Administrative employment data for Louisiana's healthcare industries do not fully capture the nature of the labor shortage. Data show that employment grew steadily during the past two decades in the ambulatory healthcare services industry and the hospitals industry, but employment declined in the nursing and residential care facilities industry. Unlike data on hires, job postings, quits, and terminations, data on industry employment capture only the labor demand that was met and not the labor demand that went unfulfilled.



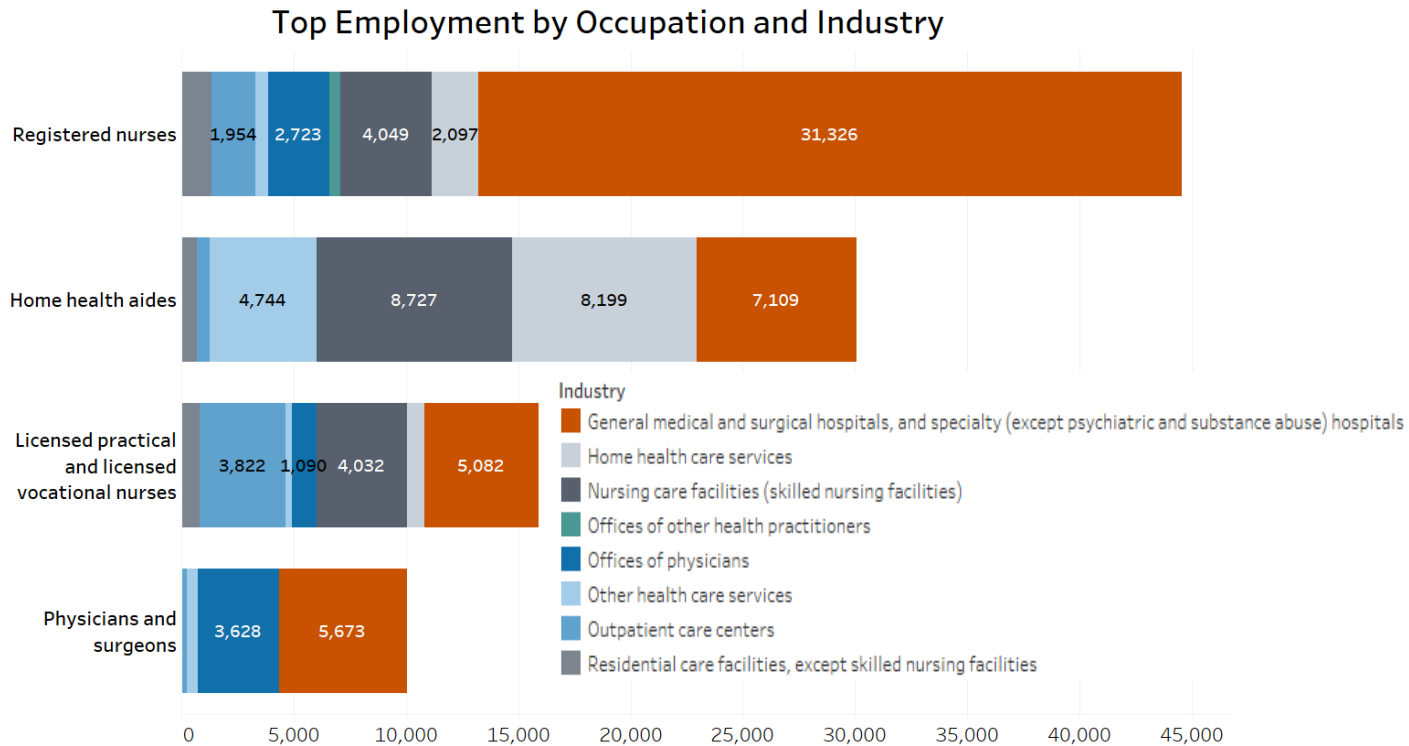
Source: Author analysis of the U.S. Bureau of Labor Statistics Quarterly Census of Employment and Wages.
<https://www.bls.gov/cew/>

Data on job postings for healthcare occupations in Louisiana during the past five years show that registered nurses account for the greatest labor shortage, with an average of 164 unique job postings per month. Licensed practical nurses contribute 157 unique job postings per month and medical surgical registered nurses account for 89 unique job postings per month. The data show that nursing-related occupations account for the great majority of the labor shortage in Louisiana, with the exception of some occupations for technicians and therapists.



Source: Author analysis of the Emsi Q4 2021 Data Set. www.economicmodeling.com

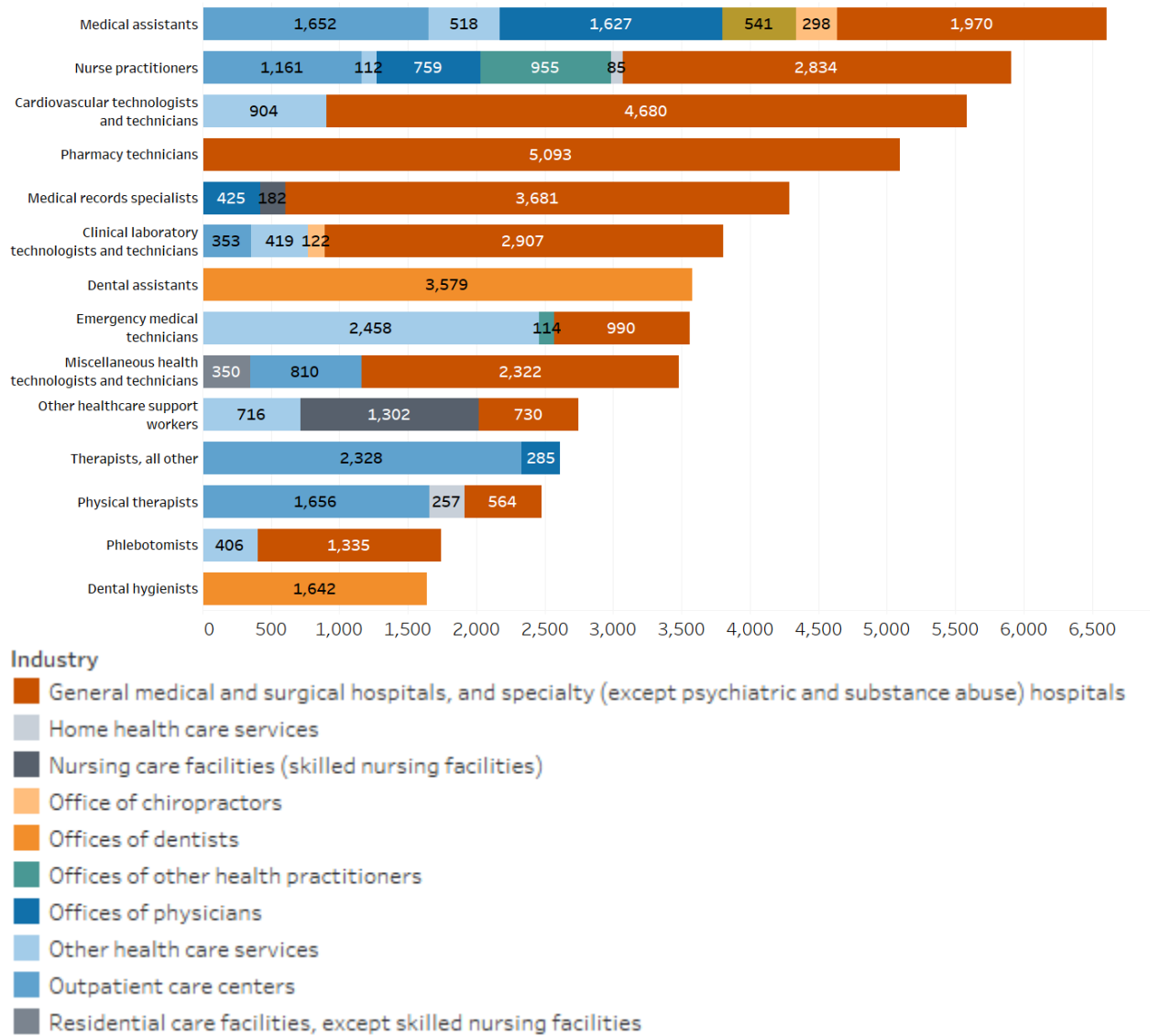
The following figures show the concentration of healthcare occupations across healthcare industries. Data show that employment of, and demand for, registered nurses are driven mainly by hospitals. Registered nurses also represent the largest occupation in the healthcare industry. The second-largest occupation is home health aides, for which employment is distributed among hospitals, nursing care facilities, and home healthcare services. Third is licensed practical and licensed vocational nurses, with employment shared among hospitals, nursing care facilities, and outpatient care centers. The fourth largest healthcare occupation is physicians and surgeons, with employment concentrated in hospitals and physician offices.



Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

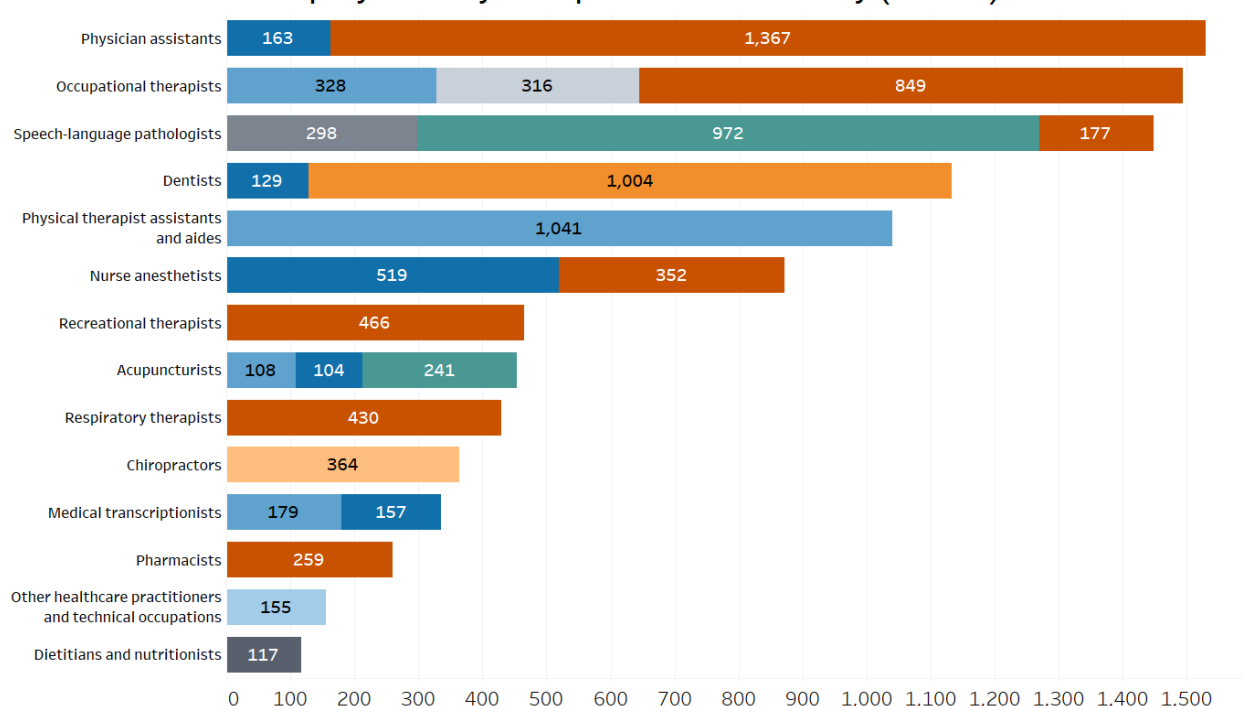
Data on the next 28 largest occupations employed in the healthcare industry show that most other occupations are employed by hospitals, physician offices, or outpatient care centers. The large shares of occupational employment in physician offices and outpatient care centers are included within the ambulatory healthcare services industry, which employs more workers than hospitals or nursing and residential care facilities.

Employment by Occupation and Industry

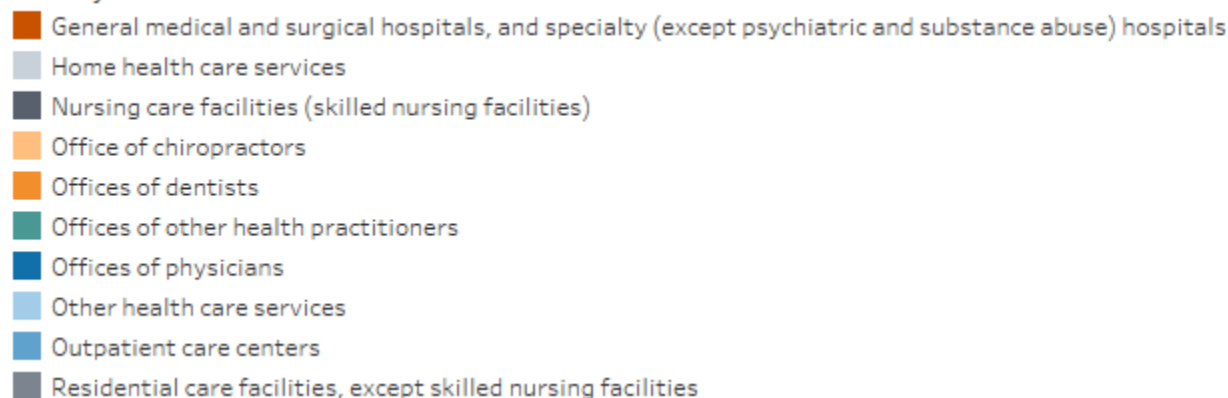


Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

Employment by Occupation and Industry (Cont'd)



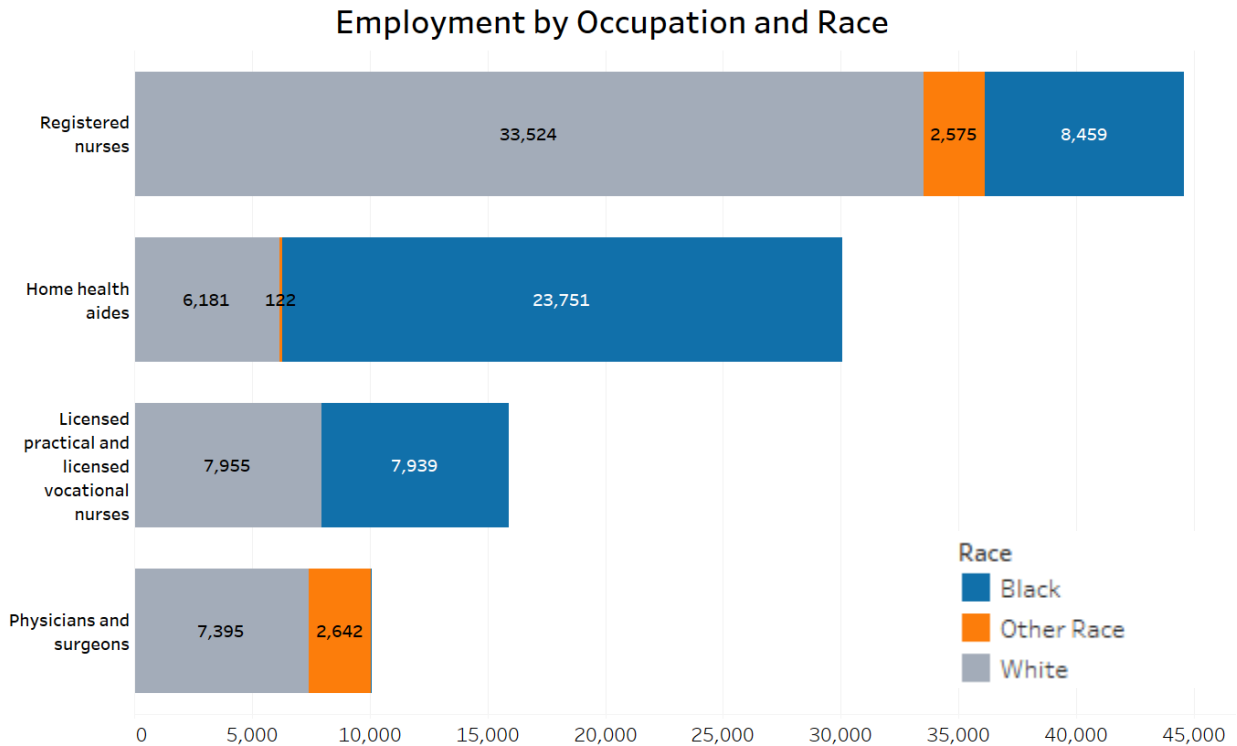
Industry



Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

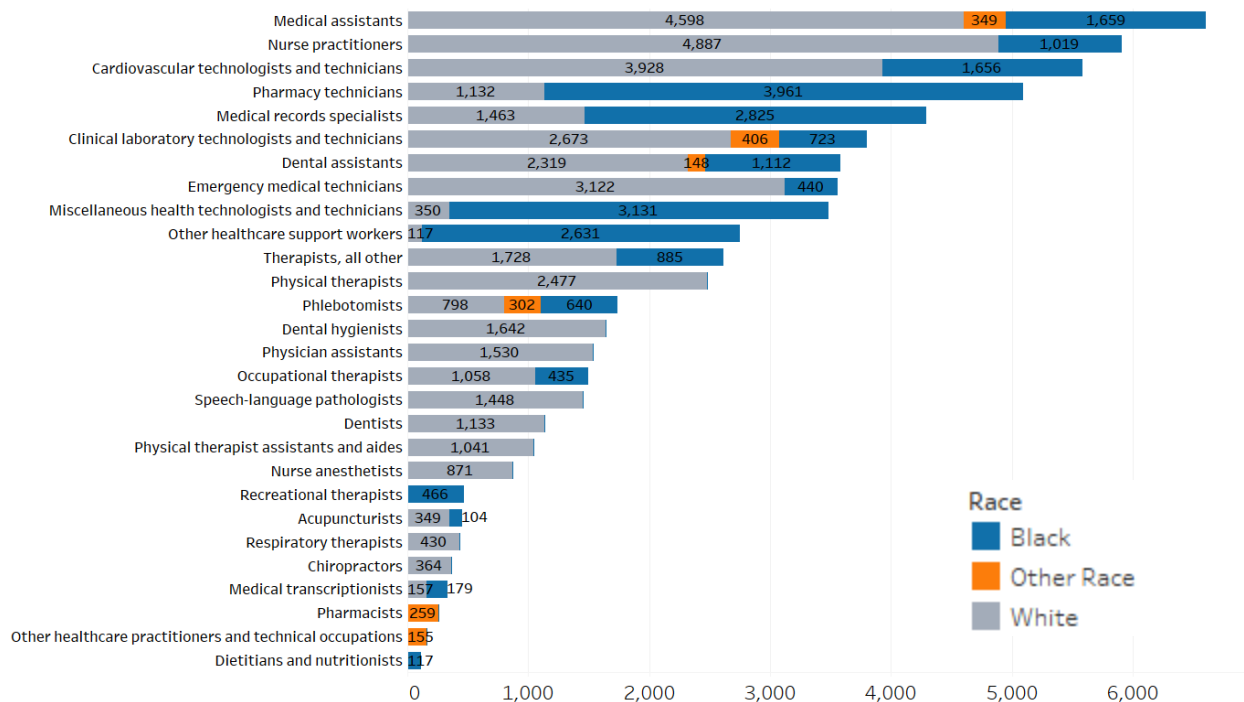
Looking at the current labor supply, we can show the underlying characteristics of Louisiana's healthcare industry workforce. Data reveal that the majority of registered nurses, physicians and surgeons are white, most home health aides are Black, and licensed practical and licensed vocational nurses are roughly evenly split among white and Black workers. Data show that most occupations across the healthcare industry exhibit large concentrations of either white or Black workers, but rarely reflect the actual racial distribution of the Louisiana population. Furthermore, the data show that white workers are largely concentrated in occupations with high earnings while Black workers are concentrated in occupations with relatively low earnings. Lastly, the data presented are intended to reflect the broader demographic trends of employment in Louisiana's healthcare occupations and should not be interpreted as absolute headcounts of workers in the state. This is due to the presence of large sampling errors in the survey data

gathered by the U.S. Bureau of Labor Statistics Current Population Survey. For example, survey size limitations have led to omissions in the number of Black workers currently employed as physicians and surgeons, dentists, physical therapists, and other occupations reporting low shares of Black workers.



Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

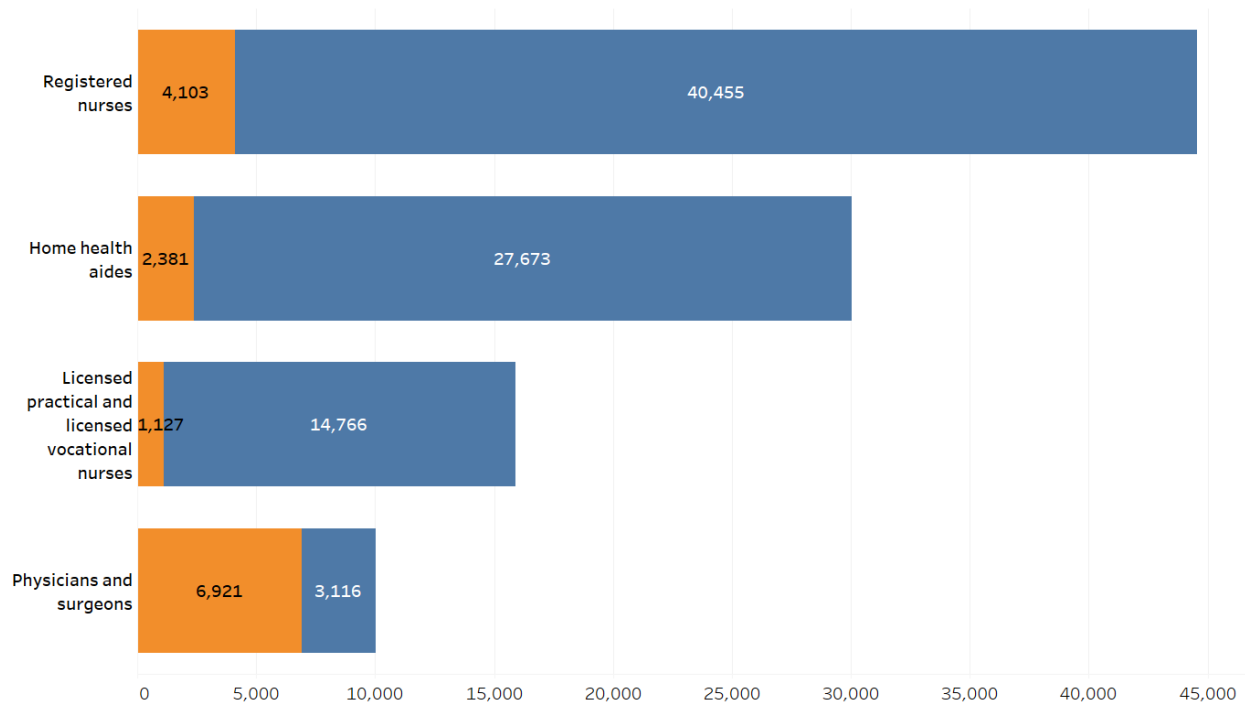
Employment by Occupation and Race (Cont'd)



Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

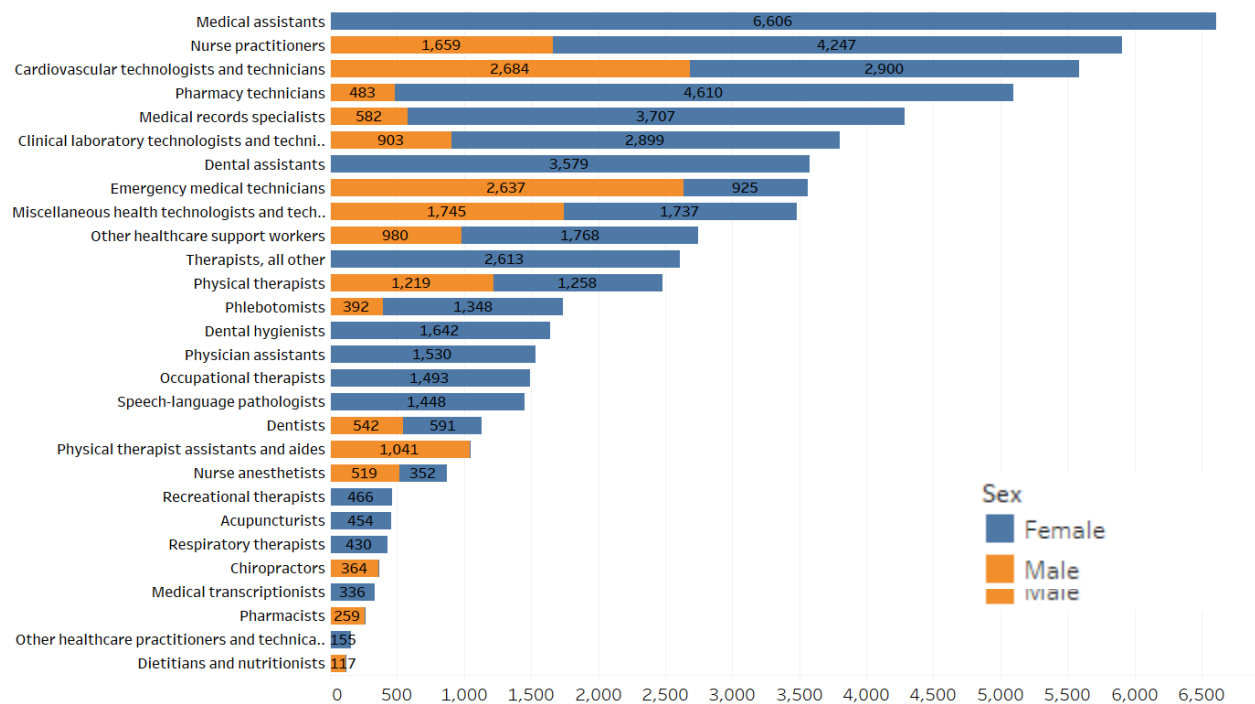
Data on the gender/sex characteristics of Louisiana's healthcare industry workers show that women represent the majority of workers in most healthcare occupations, including the highest-demand occupation – registered nurses. Men represent the majority of workers in a small subset of occupations, such as physicians and surgeons, emergency medical technicians, physical therapists assistants and aides, and chiropractors.

Employment by Occupation and Gender



Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

Employment by Occupation and Gender (Cont'd)

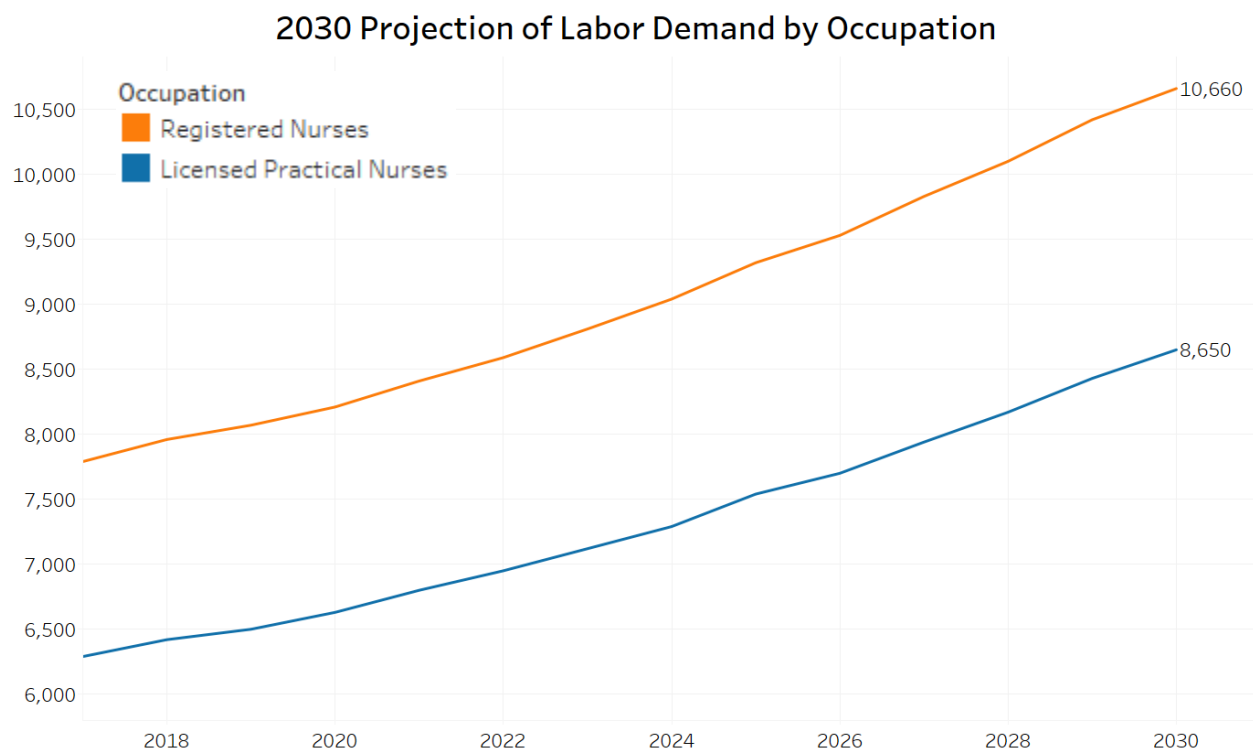


Source: Author analysis of the U.S. Bureau of Labor Statistics 2019 Current Population Survey via IPUMS-CPS, University of Minnesota, www.ipums.org

Projected Labor Market

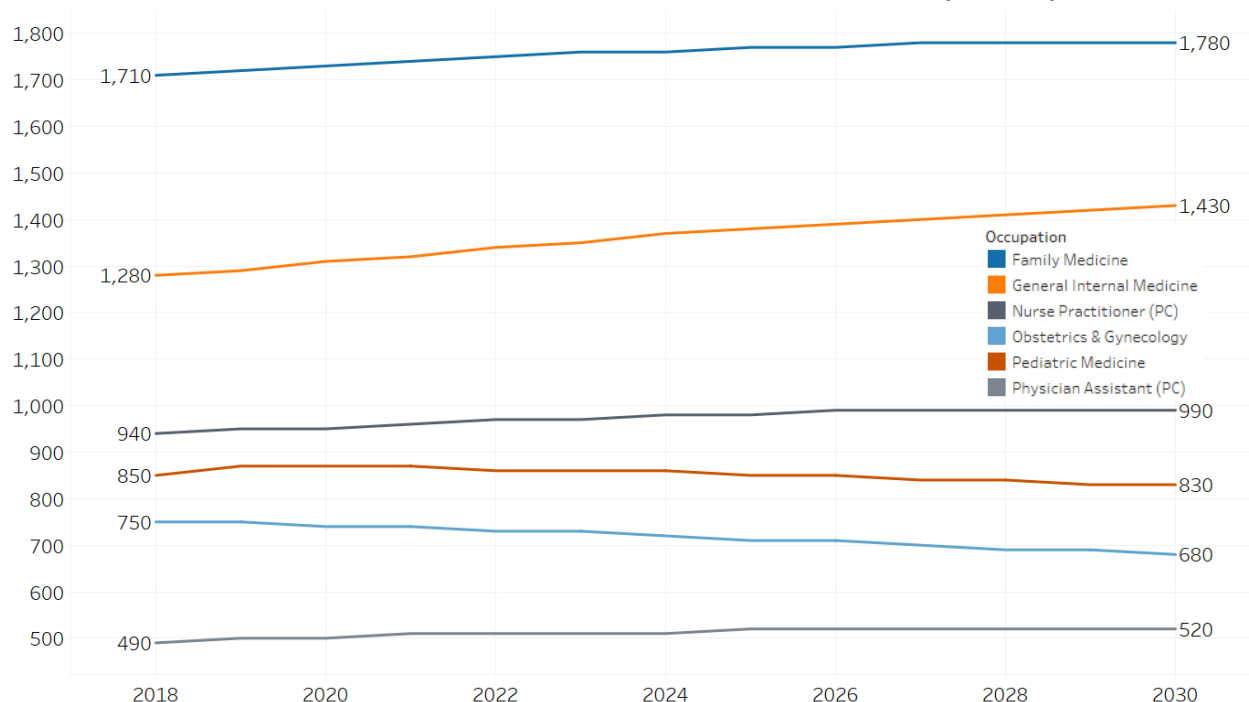
This section focuses on the Louisiana healthcare labor market projected in the year 2030 using the year 2020 as the base year of analysis. In particular, the analysis will identify the potential labor shortages in the near future. The year 2020 offers the most complete data when compared to the years 2021 and 2022, thereby making it an appropriate base year for a 10-year projection. Importantly, the 10-year projection assumes that the pandemic's impact on the healthcare sector and the broader economy will subside and lead to average levels of growth by the year 2030. Therefore, the projection offers a sound estimate of the healthcare sector's future employment levels absent a return to April 2020 levels of employment due to another public health or economic crisis.

First, data show that the greatest labor demand in Louisiana's healthcare industry will continue to be in the occupations of registered nurse and licensed practical nurse. Data show that employers will require an additional 10,660 registered nurses and 8,650 licensed practical nurses in 2030. This means that employment for registered nurses needs to increase from current levels by 24 percent and employment for licensed practical nurses by 54 percent in order to meet the labor demand of 2030. The demand for these nursing occupations is considerably higher than the demand for occupations such as nurse practitioner and physician assistant.



Source: Author analysis of the U.S. Health Resources and Services Administration. 2021. Primary Care Workforce Projections: 2018-2030. <https://bhw.hrsa.gov/data-research/projecting-health-workforce-supply-demand/primary-health>

2030 Projection of Labor Demand by Occupation (Cont'd)



Source: Author analysis of the U.S. Health Resources and Services Administration. 2021. Primary Care Workforce Projections: 2018-2030. <https://bhwh.hrsa.gov/data-research/projecting-health-workforce-supply-demand/primary-health>

The labor supply estimates for 2030 show that nursing shortages will continue unabated if interventions are not undertaken. Data show that only 4,478 of the 10,660 registered nurse positions will be filled, leaving a shortage of 6,182 registered nurses or 42 percent of total demand. Data show that only 772 of the 8,650 licensed practical nurse positions will be filled in 2030, a shortage of 7,878 positions. The labor demand and supply projections are calculated using distinct modeling methodologies that likely overstate the magnitude of the labor shortages projected because labor supply should grow at a faster pace when pandemic labor market constraints (risk of sickness, lack of childcare, etc.) recede.² However, with the continuation of the current labor market, large labor shortages in the healthcare industry are projected into 2030.

² Author calculations using data from the Health Resources and Services Administration. 2021. *Primary Care Workforce Projections: 2018-2030* and from labor market data.

Healthcare Industry Occupation Growth in Louisiana with U.S. Comparison: Based on 2020 Employment and Wage Levels and 2030 Projected Employment Growth

Occupation	Description	Louisiana			United States		
		Growth	Growth %	Median Wage	Growth	Growth %	Median Wage
29-1141	Registered Nurses	4,478	11%	\$31.85	291,783	10%	\$36.22
29-1171	Nurse Practitioners	1,616	51%	\$51.61	215,078	214%	\$53.69
31-1128	Home Health and Personal Care Aides	8,739	24%	\$9.04	1,210,039	37%	\$13.02
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	636	13%	\$102.87	34,896	9%	\$100.00
29-1051	Pharmacists	638	13%	\$60.34	-8,884	-3%	\$61.88
31-9092	Medical Assistants	2,117	26%	\$14.61	142,144	20%	\$17.23
29-1122	Occupational Therapists	460	31%	\$42.22	55,264	61%	\$41.48
31-1131	Nursing Assistants	1,381	7%	\$11.28	112,517	8%	\$14.83
29-2061	Licensed Practical and Licensed Vocational Nurses	772	4%	\$20.16	76,216	11%	\$23.47
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and Technical Workers	621	24%	\$23.26	-33,933	-61%	\$24.92

Source: Author analysis of the Emsi Q4 2021 Data Set. www.economicmodeling.com and the U.S. Health Resources and Services Administration. 2021. Primary Care Workforce Projections: 2018-2030. <https://bhwh.hrsa.gov/data-research/projecting-health-workforce-supply-demand/primary-health>

Healthcare Industry Occupation Growth in Louisiana with U.S. Comparison: Based on 2020 Employment and Wage Levels and 2030 Projected Employment Growth (Cont'd)

Occupation	Description	Louisiana			United States		
		Growth	Growth %	Median Wage	Growth	Growth %	Median Wage
29-1292	Dental Hygienists	402	17%	\$35.26	87,785	68%	\$37.06
29-1071	Physician Assistants	304	24%	\$46.36	124,493	310%	\$55.48
29-2018	Clinical Laboratory Technologists and Technicians	572	13%	\$23.70	33,780	10%	\$26.05
29-1126	Respiratory Therapists	505	21%	\$26.75	25,336	19%	\$30.20
29-1215	Family Medicine Physicians	126	31%	\$93.85	57,910	112%	\$99.70
29-1127	Speech-Language Pathologists	304	21%	\$37.92	89,851	97%	\$38.69
31-2021	Physical Therapist Assistants	416	27%	\$27.27	-5,155	-4%	\$28.74

Source: Author analysis of the Emsi Q4 2021 Data Set. www.economicmodeling.com and the U.S. Health Resources and Services Administration. 2021. Primary Care Workforce Projections: 2018-2030. <https://bhwh.hrsa.gov/data-research/projecting-health-workforce-supply-demand/primary-health>