COVER LETTER

RAMESH KOLLURU, PH.D.

February 10, 2026

Dear President Gallot, Chairman Romero, and Members of the Board of Supervisors,

I write with humility, gratitude, and a deep sense of responsibility to seek the honor of serving as the next President of the University of Louisiana at Lafayette (UL Lafayette).

My journey with UL Lafayette began in 1992 as a graduate student. Though I was born outside the United States, my wife Padma and I chose Lafayette as our home for 33 years. It is the only home our twin children, Paresh and Roma, have ever known.

President Ronald Reagan once observed that anyone, from any corner of the world, can come to America and become an American. Through the generosity of the people of Acadiana and the State of Louisiana, that promise became my reality. I am a *Ragin' Cajun*, an *Honorary Cajun*, and a *proud American*. UL Lafayette provided me more than an education: it embraced my family, shaped my values, and entrusted me with opportunity. I am committed to ensuring that every student who arrives here, from near or far, finds the same sense of belonging, purpose, and possibility that this University gave me.

While candidates often speak about the beauty of trees on our university campus, I don't just know the trees, I know their roots! I know this institution's history, its strengths, its vulnerabilities, and its opportunities. I know the aspirations of our faculty, the determination of our students, and the dedication of our staff. My singular commitment is to the strength, integrity, and prosperity of this University.

Like many public universities across the nation, UL Lafayette stands at a pivotal moment. We also face an urgent and specific challenge: a $50 million financial gap at the start of FY2026 ($25 million structural and $25 million in prior-year payables), compounded by weakened fiscal controls and eroded confidence.

My response to this challenge has been guided by our University's Latin motto: ***Fortiter. Feliciter. Fideliter***.

- ***Fortiter*, Boldly:** We confronted our fiscal reality head-on. No denial. No delay. No bailout. We implemented hiring freezes, spending caps, contract cancellations, and eliminated approximately 100 positions. I reduced my own salary by 30% and vice presidents' by 15%, because leadership begins with shared sacrifice. Academic reductions were limited to protect our core mission. These decisive actions reduced the deficit by $38M, to approximately $12M remaining. Our objective is to end FY26 balanced. We will continue to boldly choose fiscal stability over short-term comfort.
- ***Feliciter*, With Optimism:** Not naïvely, but with purpose-driven *optimism and hope*. Even in challenge, we remember why we exist: service to students, to discovery, and to Louisiana. We are resetting, not retreating. Strengthening academics, athletics, and research. As our R1 banners say, "*Winning on the Field . Winning in the Lab*." Positioning UL Lafayette for sustainable growth.
- ***Fideliter*, Faithfully**: Faithful to our mission, to our campus community, and to the public. We rebuild confidence through non-negotiable fiscal management, transparency, shared governance, accountability, and measurable results. Trust is not requested; it is earned.

Fortiter. Feliciter. Fideliter. In this moment, our **motto is our mandate**!

In fulfilling that mandate, I view the UL System leaders and the Board of Supervisors as essential governance partners. As Vice President and Interim President, I have worked collaboratively with system leadership and board members to align institutional priorities, strengthen accountability, and advance the

UL System's statewide impact. Effective presidential leadership requires transparency, disciplined execution, and trust grounded in shared commitment to student success and fiscal integrity.

I would be honored for the opportunity to meet with the selection committee to discuss my vision for the future of this great institution. In advance of that discussion, I offer the following highlights:

Strategic Vision, Academic and Research Excellence

Over three decades, I have served UL Lafayette in many roles: student worker in the print shop, faculty member in the classroom, researcher in the lab, research leader and mentor, and administrator.

My foundation, however, is that of a faculty member. As a tenured Professor in the School of Computing and Informatics since 1998, for more than a decade, I have taught undergraduate and graduate courses including **CMPS 430, CMPS 497/498, CMPS 500, CMPS 590, CMPS 599, CMPS 619/659/669, and CMPS 699**. I integrated externally funded R&D into classroom and capstone experiences to ensure students worked on real-world, client-driven projects. I have advised more than 100 master's research projects, co-supervised doctoral dissertations, and mentored hundreds of students who now serve in academia, government, and industry. I supported more than 170 students with assistantships and scholarships and founded the NSF-funded Louisiana TIES mentoring program to expand STEM pathways and access. This sustained engagement grounds my leadership in a deep understanding of faculty life and student success, and the academic mission at its core. In addition to my own experiences as a faculty member, as research administrator, I have supported faculty members, with resources, in their efforts to revamp curriculum to meet industry needs, travel support, funding the University's Statistical Resource Center, mid-career faculty, as well as graduate and undergraduate research initiatives on campus.

As a researcher (PI/Co-PI), I have worked with colleagues to secure over **$120 million** in external funding for the university. Appointed Vice President for Research in 2012, I led a campus-wide vision and movement, cumulatively generating over **$1B** in research spending over the years, to achieve Carnegie R1 status – first earned in 2021 and reaffirmed in 2024. During this period, we quadrupled research expenditures, advanced to the National Academy of Inventors' Top 100 U.S. Universities for awarded patents, strengthened doctoral education, built nationally recognized research centers, and expanded industry partnerships driving innovation and economic growth across Louisiana.

Nationally, I served as Chief Innovation Officer at U.S. Department of Health and Human Services (HHS) under President Trump's first administration, and as a member of the FEMA National Advisory Council. At the state level, I collaborated with five Louisiana governors, including Gov. Jeff Landry, on innovation, cybersecurity, manufacturing, and healthcare workforce initiatives - reinforcing the role of public research universities in advancing economic competitiveness and national resilience. Our next chapter will build on this momentum:

- Grow doctoral graduates to 110 annually by 2030 and 150 by 2035 (baseline: 73, AY24/25).
- Increase research expenditures to $325M by 2030 and $500M by 2035 (baseline: $254M, FY24).
- Achieve SREB-1 status and rank among Top 75 public universities nationally (current rank: #94).

Our trajectory is clear: disciplined growth, research excellence, and measurable impact for Louisiana.

Student Access, Success and Engagement

Student success has defined my leadership, grounded in accountability and measurable outcomes. As Vice President, I worked collaboratively with academic leaders to increase doctoral graduates by more than 80%, strengthened completion pathways through enhanced assistantships and a Doctoral Completion Scholarship, and institutionalized undergraduate research across every college. These initiatives elevated engagement, persistence, and academic performance.

Student success must be structural and measurable. As Interim President, I unified Enrollment Management and Student Affairs under a Vice President for Student Success, aligning recruitment, retention, advising, and career services within an "enrollment-to-employment" framework. We are expanding internship, apprenticeship, and capstone pipelines; creating flexible curricular and co-curricular pathways. We will continue our efforts to pursue the ***Purple Star*** designation to become the preferred school that serves Louisiana's veterans and military families; embed AI literacy across disciplines; strengthen workforce alignment; reinforce access for underserved and first-generation students; and elevate mental health and wellness as a core retention strategy. Looking ahead, we will:

- **Scale Enrollment:** Grow degree-seeking enrollment from 16,500 (Fall 2025) to **22,500 by 2030** and **27,500 by 2035** through data-informed, workforce-aligned expansion.
- **Elevate Student Success:** Improve **first-year retention** and four- and six-year graduation rates through student-centered, evidence-based interventions (achieve 4-year graduation of 45% by 2030, 70% by 2035; achieve 6-year graduation of 75% by 2030, 85% by 2035.)
- **Embed Career Pathways:** Expand paid internships, co-ops, undergraduate research, and industry partnerships to ensure experiential learning for every student.
- **Build Sustainable Pipelines:** Expand targeted out-of-state recruitment, grow high-quality online and hybrid programs strengthen community college articulation, support veterans in their educational pursuits, and deepen K–12 partnerships.

I believe access must lead to completion; completion must lead to economic prosperity.

Economic Development, Partnerships and Community Impact

UL Lafayette must serve as a primary engine of economic growth for Acadiana and the State of Louisiana. As Vice President, I positioned UL Lafayette at the center of transformative industry recruitment. I helped lead the recruitment of **First Solar**—a $1.1B advanced manufacturing investment and the largest economic development project in Acadiana's history—along with CGI and other innovation-driven employers, contributing to more than 1,500 knowledge-economy jobs.

I helped secure $24.5M in FY26 federal appropriations and more than $258M in state investments to strengthen research infrastructure, talent pipelines, and strategic capital projects aligned with semiconductor, energy, biotech, and defense priorities. Today, UL Lafayette generates a documented **$4.4 billion** annual statewide economic impact, supports more than **47,000 jobs**, and delivers a **$7.30 return for every $1 invested**—clear evidence that when UL Lafayette grows, Louisiana grows.

Working closely with corporate leaders, congressional partners, and state officials, I have advanced transformational investments in research, facilities, and workforce initiatives. Looking ahead, we will:

- **Expand Government & Industry Partnerships:** Accelerate research, research translation, commercialization, and workforce development in high-demand sectors.
- **Scale Experiential Learning Pipelines:** Align education with employment to move students seamlessly from enrollment to high-impact careers in Louisiana.
- **Strengthen Federal & State Investment:** Aggressively pursue competitive federal grants, congressional appropriations, and state capital investments to expand research capacity, modernize infrastructure, and accelerate workforce and innovation priorities.

I know this to be true: Acadiana and Louisiana prosper, when UL leads.

Athletics, Foundations and Institutional Advancement

As Interim President, I strengthened institutional advancement by restructuring and integrating advancement, alumni affairs, communications, and economic development into a unified structure aligned with revenue growth and institutional priorities, led by VP for Strategic Impact and Economic

Development. During a period of fiscal challenge, I led disciplined stabilization efforts that are reinforcing donor confidence and institutional credibility.

That same discipline and strategic alignment guide my approach to athletics. I view Division I athletics as a strategic asset that, *when* aligned with institutional priorities, drives enrollment, alumni engagement, brand visibility, and revenue growth. At the same time, athletics - like all areas of the University - must operate within a sustainable financial framework. We will design and implement a rigorous plan centered on responsible budgeting; expanded revenue generation through philanthropy, corporate partnerships, and strategic multi-use of stadiums and physical assets; competitive and compliant participation in the NIL environment; and an unwavering commitment to student-athlete academic success. Strong athletics and strong academics must advance together; never at the expense of one another. Looking ahead, we will:

- **Accelerate Endowment Growth**: Increase the endowment from $250M (Fall 2025 baseline) to $350M by 2030 and exceed $500M by 2035.
- **Launch the Louisiana Vision 2035 Campaign**: Prepare and execute a comprehensive capital campaign aligned with institutional priorities.
- **Deepen Mission-Aligned Philanthropy**: Expand alumni engagement and major gift strategy tied directly to student success, research impact, athletic excellence, and workforce development.
- **Ensure Sustainable Athletics & Strong Foundations**: Advance financially sustainable athletics and high-performing foundations as pillars of long-term resilience and growth.

I believe fundraising is mission-driven and relational: connecting donor passion to impact.

Leadership for This Moment

On November 13, 2025, when I was appointed Interim President, I mentioned that our work will anchor around the *rallying cry* of three enduring values: **Service, Accountability, and Innovation (SAI)**. These are not aspirational ideals; they are operational imperatives. UL Lafayette now requires decisive leadership - ready to make hard choices, move with urgency, and act in the institution's long-term interest. This framework provides the discipline to restore trust, accelerate progress, and deliver results.

UL Lafayette stands at an inflection point. The challenges are real. So are the opportunities. This moment demands a president who understands the institution deeply and can lead boldly - without delay or a learning curve. It also demands a leader committed to strengthening collaboration across the UL System, with LSU, and leadership at the state and federal levels to position Louisiana to win.

After 33 years of service and contribution, I am prepared to lead in this moment.

I am honored to include select letters of support from university leaders, faculty from every academic college, and staff; community and economic development partners; and elected officials at the local, state, and federal levels - reflecting broad confidence in my leadership and commitment to UL Lafayette's future.

Thank you for your consideration. I welcome the opportunity to discuss how, together, we will advance our Louisiana Impact, strengthen the UL System, and ensure UL Lafayette emerges stronger, more resilient, and better positioned to serve our students, communities, and the State of Louisiana.

With deepest respect and appreciation,

Ramesh Kolluru, Ph.D.

CURRICULUM VITAE

RAMESH KOLLURU, PH.D.

UPDATED: FEBRUARY 10, 2026

BIOGRAPHICAL PROFILE

Dr. Ramesh Kolluru is a higher education leader with more than three decades of experience spanning research, administration, and economic development. He believes public universities, powered by faculty, staff, and students, are among America's most powerful forces for the public good - *elevating lives*, *strengthening communities*, and *driving economic prosperity of entire regions*. At the University of Louisiana at Lafayette (UL Lafayette), he has translated that conviction into results - leading teams that elevate institutional excellence, expand innovation, and generate measurable economic impact for Acadiana and the State of Louisiana.

Since assuming the role of *Interim President* of UL Lafayette on November 13, 2025, Dr. Kolluru has led a focused, campus-wide, results-driven and collaborative agenda to stabilize and strengthen the institution. His priorities have included aggressive deficit reduction and disciplined financial stewardship; reorganization for student success and strategic impact; stimulating shared governance; expanding mental health support and student retention initiatives; implementing program evaluation and modernization; and establishing the university's budgeting model to ensure transparency, accountability, and long-term sustainability. Through these efforts, he is positioning UL Lafayette on a renewed path toward growth, opportunity, and maximized impact for Louisiana.

Dr. Kolluru has served as *Vice President for Research, Innovation, and Economic Development*, since 2012, providing strategic leadership to position UL Lafayette as a nationally recognized catalyst for scholarship, innovation, and regional prosperity. Under Dr. Ramesh Kolluru's leadership, UL Lafayette's research enterprise has achieved milestones unprecedented in its 127-year history — earning the **Carnegie R1 "Very High Research Activity"** designation twice (2021 and 2024), joining the National Academy of Inventors' list of Top 100 U.S. Universities in 2023 for awarded patents, and quadrupling total research expenditures since 2012. Working collaboratively with deans, faculty, and staff, he has helped strengthen the university's research and innovation capacity, fostered interdisciplinary partnerships, and provided strategic and financial support that has supported faculty members in their curriculum and research design efforts leading to workforce and economic development outcomes.

As a tenured professor in the School of Computing and Informatics since 1988, for more than a decade he taught undergraduate and graduate courses in computer architecture, algorithms, and advanced computing systems. He advised more than 100 master's research projects, mentored doctoral students, and integrated externally funded research into experiential learning to prepare graduates for leadership in academia, industry, and government.

Dr. Kolluru's research work spans health informatics, disaster management, artificial intelligence, public-private partnerships, and has produced more than 35 peer-reviewed publications over two decades. He has founded and directed several nationally recognized research centers — including the Center for Business and Information Technologies (CBIT), the National Incident Management Systems and Advanced Technologies (NIMSAT) Institute, and the Center for Visual and Decision Informatics (CVDI), the first National Science Foundation Industry–University Cooperative Research Center in Louisiana. As principal investigator (PI) or co-PI, he has secured more than **$120 million in external funding** from federal, state, and industry partners — investments that have strengthened the university's research enterprise, talent pipeline development, and economic opportunity across the region.

Dr. Kolluru's leadership has consistently bridged academic excellence with economic impact. His work to connect university innovation with state and regional priorities has attracted major employers such as **CGI** and **First Solar** to Acadiana, creating more than **1,500 high-quality jobs** and expanding Louisiana's knowledge-economy footprint. These outcomes were facilitated by intentional collaborations with faculty, deans and academic leaders, and external collaborations with sponsors that generated investments for curricular development, industry internships, and career readiness.

On the national stage, Dr. Kolluru served as **Chief Innovation Officer at the U.S. Department of Health and Human Services (2019–2020)**, where he led initiatives advancing digital health, artificial intelligence, and innovation in healthcare delivery. He also served on the **FEMA National Advisory Council (2019–2024)** under both the Trump and Biden administrations, helping shape national strategies to strengthen disaster resilience, workforce capacity, and economic security.

In Louisiana, Dr. Kolluru has worked with five governors, including Gov. Jeff Landry, on initiatives spanning innovation policy, cybersecurity, advanced manufacturing, biotech, and energy security. His efforts reflect a steadfast belief in the power of public universities to drive statewide prosperity, strengthen industry competitiveness, and expand opportunities for all Louisianans.

A Louisiana **"Honorary Cajun"** and recipient of the **Governor's Technology Leader of the Year Award**, Dr. Kolluru earned his B.S. in Mechanical Engineering from **Osmania University, India,** and both his M.S. and Ph.D. in Computer Science from **UL Lafayette**. Although, born in India, he has called Louisiana home for more than three decades, dedicating his career to expanding the university's research and innovation capacity, strengthening its workforce, and helping lead Louisiana into a new era of economic resilience and opportunity.

His wife of 27 years, Padma, works as a Systems Analyst for the Lafayette Consolidated Government. They are the proud parents of Paresh and Roma, both in their senior year at Tulane University. Their family's shared commitment to education and community reflects the values that guide his leadership and lifelong dedication to Louisiana, and to the University of Louisiana at Lafayette.

CORE LEADERSHIP COMPETENCIES

Strategic Presidential Leadership & Institutional Turnaround:
Executive leadership of a public Carnegie R1 university, with demonstrated ability to stabilize institutions during fiscal stress, restore trust, align stakeholders, and reposition universities for long-term growth and public impact.

Fiscal Stewardship, Financial Recovery & Accountability
Expertise in managing complex, multi-source budgets; leading rapid deficit reduction; implementing cost controls; and establishing transparent, performance-driven budgeting models that embed fiscal discipline.

Faculty Success, Shared Governance & Academic Culture
Proven commitment to the faculty mission through aligned resources, incentives, and infrastructure; strengthening shared governance; and cultivating a campus-wide culture of inquiry, innovation, and academic excellence.

Research Enterprise Leadership & Carnegie R1 Excellence
National leadership in building and sustaining a high-impact research enterprise; advancing doctoral education; fostering interdisciplinary research; and achieving and renewing Carnegie R1 designation through strategic investment and faculty partnership.

Student Success, Retention & Enrollment-to-Employment Strategy
Leadership in integrated student success models spanning recruitment, retention, completion, well-being, and career placement, with a focus on improved outcomes and workforce readiness.

Workforce Development & Economic Impact Leadership
Demonstrated ability to align academic programs and research with workforce needs; attract major employers; build talent pipelines; and position the university as a primary engine of regional and state economic growth.

Government Relations, Federal & State Advocacy
Extensive experience securing federal, state, and congressional investments; navigating bipartisan relationships; and advancing institutional priorities through effective public-sector engagement.

Fundraising, Philanthropy & Strategic Partnerships
Strong record of cultivating donors, foundations, industry, and public-private partnerships to advance academic priorities, research growth, student support, and institutional sustainability.

Innovation, Technology & AI-Enabled Transformation
Executive leadership in data, digital, and AI strategy, including responsible AI adoption in teaching, research, and operations to strengthen institutional competitiveness.

External Engagement, Athletics & Institutional Ambassador
Visible and trusted institutional ambassador with experience supporting athletics sustainability within the academic mission and building durable relationships with alumni, community leaders, and policymakers.

EDUCATION

Ph.D., Computer Science – University of Louisiana at Lafayette (4.0 GPA)
M.S., Computer Science – University of Louisiana at Lafayette (4.0 GPA)
B.S., Mechanical Engineering – Osmania University, India (Distinction)

PROFESSIONAL EXPERIENCE

INTERIM PRESIDENT

University of Louisiana at Lafayette (November 2025 – Present)

Key Activities and Accomplishments

Since assuming the role of Interim President of the University of Louisiana at Lafayette (UL Lafayette) on November 13, 2025, led a focused, campus-wide, results-driven, and collaborative agenda to organizationally stabilize and financially strengthen the institution. Priorities have included aggressive deficit reduction and disciplined financial stewardship; strategic reorganization to advance student success and institutional impact; revitalization of shared governance; expansion of mental health and retention initiatives; rigorous program evaluation and curriculum modernization; and implementation of a transparent, accountability-driven budgeting model to ensure long-term sustainability. Through decisive actions, restoring financial stability, reinforcing institutional trust, and positioning UL Lafayette to emerge stronger - advancing opportunity for students and delivering measurable impact for Louisiana.

- **Fiscal Stewardship, Accountability, and Sustainability**
  - ***Financial Turnaround Leadership:*** Leading an institution-wide recovery addressing a **$50M** financial gap for FY26 ($25M structural deficit; $25M prior-year payables), reducing the deficit by $38M, down to ~ **$12M** through immediate actions, while protecting the University's academic, research, and student-success mission. The goal is to end FY26 with no deficit, ***without*** seeking bailouts from the Governor or the Legislature of the great State of Louisiana.
  - ***Decisive Cost Controls & Accountability*:** Implemented hiring freezes, spending caps, non-essential contract cancellations, and the elimination of ~100 positions; instituted executive salary reductions (President –30%; Vice Presidents –15%); and executed targeted budget reductions (10–15% non-academic; 5–8% academic) to stabilize operations and protect the university's core academic mission.
  - ***Fiscal Discipline is the New Normal*:** Establishing a FY27 budgeting framework that will align investments with vision and productivity outcomes, operational efficiency measures to eliminate waste and duplication of services, and establish durable budgetary controls to prevent future financial deficits, reinforcing fiscal discipline as a core value.
- **Reorganization for Student Success and Strategic Impact**
  - ***Vice President for Student Success***: Reorganized Enrollment Management and Student Affairs into a unified Vice President for Student Success, integrating recruitment, retention, academic support, student experience, and career services under a comprehensive "enrollment-to-employment" framework. Establishing clear executive accountability for enrollment growth, improved 4-year and 6-year graduation rates, enhanced student progression, and strengthened post-graduation career outcomes.
  - ***Vice President for Strategic Impact & Economic Development***: Eliminated the standalone VP for Advancement role and consolidated economic development, alumni affairs, advancement, alumni affairs, and communications and marketing into a single strategic division aligned with institutional priorities and revenue goals. Strengthened coordination of fundraising, alumni engagement, branding, auxiliaries, and external partnerships to advance alternative revenue growth outcomes and economic impact.

- **Shared Governance**
  - ***All-Hands Leadership:*** Instituted, for the first time in University history, recurring University Leadership meetings bringing together the President's Cabinet, University Council, academic deans, and elected leaders of the Faculty Senate, Staff Council, and Student Government Association to strengthen transparency, alignment, and coordinated decision-making. Complemented these meetings with campus-wide town halls for faculty, staff, and students addressing financial stabilization, classified employee concerns, mental health initiatives, and other emerging institutional priorities.
  - ***Institutional Leadership & Shared Governance***: Established *Service, Accountability, and Innovation (SAI) Leadership Councils*, each comprising 70–110 volunteer faculty and staff, to broaden participation, reinforce shared governance, and align campus-wide efforts during a period of organizational reset and strategic re-envisioning. The SAI framework promotes results-driven culture grounded in service, transparency, operational discipline, and innovation. Additionally, these SAI Councils seek to expand academic, research, and operational partnerships across UL Lafayette, strengthening UL System's "***system-ness***" vision, and collaborations across the state, advancing Louisiana's economic prosperity.
- **Federal Advocacy for Accelerated Impact:**
  - In FY2026, secured $24.5 million in various appropriations bills, signed by President Trump on February 5, 2026. This is the **largest ever investment** by the US Congress in university history. Specific appropriations included: **Defense Appropriations Bill:** $12 million for UL Lafayette joint research project with Radiance Technologies to expand defense and national security related R&D capacity; **THUD Appropriations Bill:** $5 million for the National Center of Excellence for LNG Safety and Industry-University Research Consortium (with McNeese, Southern University, Texas A&M, LSU, and others); **Sen. Kennedy Earmark Projects:** $2.5 million for BSL-3 expansion at UL Lafayette; **Cong. Higgins and Sen. Cassidy Earmark Projects:** $5 million for *Silicon Bayou Semiconductor R&D and Training Center* at UL Lafayette.
- **Program Review and Curricular Modernization**
  - ***Program Review:*** Established a Research Centers & Institutes Optimization Task Force to conduct a comprehensive review of UL's research centers and institutes. The goal is to identify opportunities for optimization, strategic realignment, and enhanced collaboration to strengthen the University's research impact. This review will enhance UL Lafayette's alignment with local, regional, and state economic development priorities, and its impact on American innovation and national security agenda.
  - ***University-wide AI Literacy Initiative:*** Artificial Intelligence is now a core competency for every student, regardless of major. Launched a university-wide AI Literacy Initiative to prepare graduates to compete and lead in a global, technology-driven economy, rapidly mobilizing faculty and academic leaders (during Christmas break) to embed foundational AI competencies into **UNIV 100**, the required first-year course for all undergraduates. The goal is to ensure that every student develops core AI awareness and fluency, AI ethics, and discipline-specific workforce-relevant skills. Expanded faculty capacity through AI-focused Faculty Learning Communities to accelerate curricular innovation and support student success across disciplines.

- **Mental Health & Well-Being**
  - ***Campus-wide Mental Health Task Force:*** In immediate response to various mental health related incidents in late November/early December 2025, established a campus-wide mental health taskforce to drive sustainable, data-informed improvements in student well-being and retention. Convened campus town halls to elevate student voice and reduce stigma; launched a comprehensive needs assessment; expanded clinical capacity; strengthened early-intervention outreach; aligned cross-campus support services; and centralized access to critical mental health resources for students, faculty, and staff.

VICE PRESIDENT FOR RESEARCH, INNOVATION & ECONOMIC DEVELOPMENT

University of Louisiana at Lafayette (August 2012 – November 13, 2025)

Key Activities and Accomplishments

Served as **Vice President for Research, Innovation, and Economic Development**, from 2012 - 2025, providing strategic leadership to position UL Lafayette as a nationally recognized catalyst for scholarship, innovation, and regional prosperity. Under his leadership, UL Lafayette's research enterprise has achieved milestones unprecedented in its 127-year history — earning the **Carnegie R1 "Very High Research Activity"** designation twice (2021 and 2024), joining the National Academy of Inventors' list of Top 100 U.S. Universities in 2023 for patents awarded, and quadrupling total research expenditures since 2012. Working collaboratively with deans, faculty, and staff, he has helped strengthen the university's research and innovation capacity, fostered interdisciplinary partnerships, and provided strategic and financial support that has led to a strong graduate program.

- **Institutional Compliance**:
  - ***Reorganization:*** Effective May 29, 2025, after four consecutive years of Louisiana Legislative Auditor (LLA) findings, the office of Sponsored Programs Finance, Accounting and Compliance (SPFAC) was reorganized to report directly to the VP for Research. Launched immediate and decisive corrective actions to address recurring deficiencies in four audit areas within weeks of fiscal year close - securing clean results in two areas to date, with remaining outcomes pending. Implemented strengthened compliance controls and oversight structures to restore accountability, reduce institutional risk, and safeguard the University's research enterprise.
- **Successful Federal Advocacy**:
  - ***Federal LNG Safety Center of Excellence***: Collaborated with Senator Kennedy's team, Louisiana's Congressional delegation, Dr. Wade Rousse, and Van Ness Feldman Solutions to secure McNeese State University as the home for the U.S. Department of Transportation PHMSA LNG Center of Excellence. In July 2025, following five years of sustained advocacy, PHMSA executed a 20-year lease establishing the National Center of Excellence for LNG Safety. UL Lafayette and McNeese will co-lead the national R&D consortium, supported by a $5M annual congressional appropriation and industry and university partners including Southern University, Texas A&M, and LSU.
- **State Advocacy to Accelerate Impact:**
  - ***State Appropriations:*** During the past 4 legislative sessions (FY22 through FY25), helped secure new funding across HB1, HB2 and Supplemental Appropriations bills (FY22: $61.7M; FY23: $98.1M; FY24: $49.8M; and FY25: $48.9M for a total of $258.5M) to advance UL Lafayette's academic, research, and facility needs.

- ***State Capital Outlay Projects***: Assisted the deans of the colleges of Sciences, Engineering, Nursing, University College, and Education in securing appropriations for academic and research buildings to enhance the teaching and learning experience in their colleges, as well as collective research and economic development impact. Specific projects include: New **College of Sciences** Lab / Classroom Building, including Montgomery Hall Renovation, and Billeaud Hall renovation; New **College of Engineering** Classroom Building, including Madison Hall renovation; New **College of Nursing and Health Sciences** building (Moncus Hall) and Health Sciences Complex, facilitated by the transition of Our Lady of Lourdes property (secured funds in FY22 for land acquisition); **University College** through renovations of DeClouet Hall and Foster Hall; New **College of Education** Learning Lab / Lab School, facilitated by the transition of the NOAA/US Marine Fisheries building to UL Lafayette, strategically led by interim VP for Research, Dr. Kumer Das; **Kinesiology, Hospitality Management**, and Athletic Administration Complex, co-located with Our Lady of Lourdes Football Stadium; **NIRC BSL-3 Lab** and Animal Housing, and Iberia National Defense Manufacturing Operations Innovation Park.
- ***Supplemental Appropriations and Industry*:** Assisted in securing approx. $40M in funds (both cash and in-kind) in non-federal & non-competitive research funds from public and private sources: Approximately $17M in cash for advancing R&D and partnerships in the areas of **Energy and Advanced Manufacturing**; $4M in cash for advancing R&D and partnerships in the areas of **Health, Biotech and Life Sciences**; $6M over the past three years in cash for advancing Louisiana FIRST initiative of the legislature and the **Blanco Policy Center**; Approximately $250K in funds to support the College of Engineering's Cajun Advanced Picosatellite Experiment (**CAPE**) program; $5M Bayou Chervil to support research and commercial efforts in energy credits and carbon offsets; approximately $5M in-kind from First Solar in equipment donation to support **Silicon Bayou Semiconductor R&D and Training Center**; in-cash contributions of $2.5M each from two of New Iberia Research Center's biotech clients towards the construction of **BSL-3** laboratory (client names withheld due to NDAs.); $750K in grant from the Entergy Foundation to the UL Foundation support innovative agricultural energy practices.

- **Expansion of Life Sciences Cluster & Growth of NIRC**: Served as Interim NIRC Director, stabilizing federal and industry partnerships and strengthening long-term sustainability. Recruited the Center's first academic director, expanded research capabilities, established competitiveness for PHS-funded contracts, ensured uninterrupted operations during COVID-19, and secured over **$100M** federal, industry, and state funding for advanced high-containment bio-innovation infrastructure and domestic biomanufacturing, aligned with national health and security priorities.
- **Carnegie R1 in 2021 and repeat in 2025:** Starting in FY13, led the University's Vision 2020 Master Plan for Research collaboratively and purposefully with the entire campus community, resulting in UL Lafayette being designated as a Carnegie R1 Top-Tier Research University in 2021, and being redesignated for another 3-year term in 2024.
- **Economic Development Outcomes**: Assisted the Governor's office, local and regional economic development allies, and industry to recruit CGI, First Solar, Perficient, WAITR, FusionOne, and others that have created over 1,500 knowledge-economy jobs in the Acadiana region. Based on a 2025 study by *Light Cast*™, UL Lafayette's statewide economic impact is **$4.4B,** supporting 47,538 jobs across the state. Every $1 invested into the University produces an ROI of **$7.30**, making the university a major economic engine and a force for public good.

- **Brookings Institution 2017 ranking**: UL Lafayette was ranked #9 in a 2017 Brookings Institution social mobility report that assessed which public universities contribute the most to social mobility.
- **Unprecedented R&D Growth**: As a member of the President's cabinet, worked with administrators, academic deans, faculty, and research leaders to enhance the culture of research and growing externally funded research. Under his leadership, UL Lafayette has achieved the following salient research outcomes, based on the most recent data available:
  - ***Vision 2030 Master Plan***: Established and expanded six "Vision 2030 Research Engines" to drive the University's future growth: 1. Health, Biotech & Life Sciences; 2. Energy, Energy Security, & Sustainability; 3. Computing, AI, & ML; 4. Advanced Materials & Manufacturing; 5. Coastal and Water Resiliency; and 6. Culture, Education & Humanities. Integration of these six research engines through a cross-cutting and trans-disciplinary *Louisiana Impact Research Collaborative* will enhance the university's Louisiana Impact – contributing to societal, economic and human development both in Louisiana and across the world. Established and/or enhanced research centers and institutes in *data science, cybersecurity, Applied AI, biomedical sciences, health innovation, energy security and sustainability, coastal and water management, advanced materials and manufacturing, entrepreneurship and economic prosperity,* among others.
  - ***Advancing the Faculty Mission***: Partnered with academic deans and the Dean of the Graduate School to align resources, infrastructure, and strategic support with faculty priorities in teaching, research, and service. These sustained investments strengthened graduate education in the classroom and faculty research capacity, resulting in an **84%** increase in doctoral graduates (49 in FY12 to 90 in FY25), a **2,089%** growth in postdoctoral and non-faculty researchers (9 to 197, FY13–FY19), and a **600%** increase in IRB applications for human subjects research (20 in FY13 to 149 in FY25). This expansion reflects a university-wide culture of inquiry spanning the humanities, social sciences, arts, and STEM disciplines.
  - ***Growth in R&D* Expenditures**: Led the growth of research expenditures from *$62M* to *$254M* between FY2013 through FY2024, an increase of **310%.** This growth has propelled UL Lafayette to a national ranking of the **4th** fastest growing university in the US during this period, as well as rank **#4** in the US in the percentage of industry-funded research, based on the most recently available National Science Foundation Higher Education R&D (HERD) FY2024 survey data. UL Lafayette's national research rankings grew from **#177** in FY2013 to **#130** in FY2023. Among *public* research universities, UL Lafayette was ranked **93rd** in the US in FY2023/24.
  - ***Technology Transfer and Commercialization***: Provided direction to translate intellectual assets to produce significant innovation outcomes. For all years prior to 2012, UL Lafayette had a total of 11 patents issued; between 2012-2025, that number grew to 79 issued patents - an increase of **618%**. In 2023, UL Lafayette cracked the National Academy of Inventors (NAI) list of top 100 US Universities for the first time coming in at number **94.**
- **Advancing Faculty Support - Research, Innovation, Scholarship and Entrepreneurship Capacity**: Led a multi-year transformation to expand UL Lafayette's research capacity, strengthen faculty success, and build a culture of innovation and entrepreneurship that directly supports faculty and their ability to maximize their Louisiana impact.
  - ***Policy Innovation***: Implemented comprehensive, campus-wide policies to promote cross-disciplinary research, reward external funding, doctoral mentorship, undergraduate research, and integrate student participation in faculty research.

- ***Faculty Incentives and Support***: Established two cornerstone programs: the Research Investment and Indirect Cost Return Policy and the Research Salary Incentive Program (RSIP) to incentivize faculty securing competitive externally funded grants.
- ***Funding for Faculty Development and Doctoral Student Advancement***: Funded the Faculty Travel Grants program through the Provost's Office to help faculty and their students travel to conferences to present research, network with peers, and promote scholarly activities. Also established a dedicated fund to support faculty travel to meet federal agency program managers to enhance funding opportunities.
- ***Mid-Career Faculty Fellows****:* Following UL Lafayette's 2021 R1 designation, the Office of the Vice President for Research, Innovation, and Economic Development launched "RISE UL: Vision 2030" to strengthen the University's standing as a Carnegie R1 institution. Recognizing that mid-career faculty members often face limited opportunities for growth between tenure and full professorship, the Mid-Career Faculty Fellowship Program (MCFF) was created by Dr. Kumer Das, associate VP for Research and Innovation in 2024. The program selects two associate professors per college each year, providing time, resources, and mentorship to advance major projects, secure external funding, and expand scholarly impact—reinvigorating individual careers while enhancing the University's research and creative enterprise.
- ***Recognition of Research, Scholarship, Innovation, and Entrepreneurship***: Developed the annual Research and Innovation Awards celebration to recognize established senior faculty members, and promising junior faculty from each academic college for enhancing university's national reputation through prestigious research and scholarly works. This event also recognizes researchers responsible for enhancing the University through external R&D funds; mentorship of doctoral students; support for undergraduate research; commercialization of patents and inventions; service on research committees, among others.
- ***Innovation and Intellectual Property Reform***: Overhauled the university's Intellectual Property Policy, establishing a "win-win" revenue-sharing model that benefits inventors, departments, colleges, and the university, memorialized as the Dean Carlson Policy on IP Proceeds Distribution. He also introduced the FastStart IP Licensing Agreement, a streamlined, two-page, pre-approved contract that accelerates technology transfer and reduces overhead for industry partners.
- ***Entrepreneurship and Applied Innovation***: Led the creation of *AcceleRagin'*, UL Lafayette's first faculty- and student-focused business accelerator, to support entrepreneurship, commercialization, and social enterprise. These initiatives have positioned the university as a hub for innovation and entrepreneurship, now advanced by the US EDA funded *Louisiana Entrepreneurship and Economic Development Center*, led by Dr. Geoffrey Stewart.
- ***Workforce and Economic Impact***: Helped secure a $4.5 million Louisiana Economic Development grant to expand the School of Computing and Informatics, aligning academic capacity with regional workforce needs tied to CGI's growth. The investment supported new faculty hires, curriculum development, and student enrichment initiatives to meet rising IT talent demand. Similar efforts are underway to build talent pipelines for First Solar and the broader semiconductor industry (leveraging Congressional investment and private sector funding) as well as bio-manufacturing industrial sector.

- **Advancing Student Support - Research, Innovation and Engagement**: Facilitated several initiatives to enhance undergraduate and graduate student engagement in research and innovation within the campus and the broader community.

- ***Graduate Student Support*:** Championed the effort to enhance graduate research assistantship funding levels and timeliness of financial resources for graduate students, including the establishment of the *Statistical Consulting Center*. Financially supported this center, which provides graduate students pursuing doctoral dissertations and master's theses, with statistical tools, software, and consultative expertise that they need to succeed in their research pursuits. Supported efforts to increase funding for the Graduate Student Organization (GSO) to enhance graduate research opportunities. Support the annual University Graduate Student Research Summit and Student Paper Competition, as well as such initiatives within the Department of English (Global Souths Conference), and the College of Education.
- ***Doctoral Student Completion Scholarship***: Worked with Dr. Mary Farmer-Kaiser, dean of the Graduate School, academic deans, then UL Foundation board chairman Mr. Tommy Kramer to establish and fund the Doctoral Completion Scholarship program, recognizing the need to support "*All-But-Dissertation* (ABD)" doctoral students to completion.
- ***Prioritized Undergraduate Research***: Led the campus-wide effort to institutionalize the culture of undergraduate research - a high-impact practice for student engagement, retention and success that instills in students a lifelong passion for discovery and scholarship - through the establishment of the *Louisiana Council of Excellence in Undergraduate Research* (*La CoEUR*). Since inception, this initiative has had a profound impact on the institution and the students it serves, with undergraduate research now pursued in disciplines within every academic college. Undergraduate Research became the focus of University's most recent QEP process, resulting in the Advance Program/ Student Center for Research, Creativity, and Scholarship (SCRCS).
- ***Undergraduate Research Showcases***: Support and serve as the Executive Sponsor annually for the Fall Undergraduate Research Conference and the Spring UL System Academic Summit – a showcase for UG research. Provide financial support annually for the Advance Program.
- ***Student Internship Program****:* Facilitated the creation of an internship program between CGI (a Top 5 IT services company that Dr. Kolluru helped recruit to Lafayette) and the School of Computing and Informatics. More than 40 undergraduate and graduate students from UL Lafayette are involved in these internships every semester.
- ***eSports Club****:* Worked with over 100 undergraduate and graduate students on the establishment of an eSports Club at UL Lafayette, as an Executive Sponsor. This Club created opportunities for students to participate in national varsity eSports competitions representing the university, while creating a sense of "campus community" for students enthusiastic about digital sports.
- ***Support for Entrepreneurship***: Fully funded the establishment of the *Entrepreneurship Think-Tank* (in partnership with the College of Business) to provide an on-campus venue for university across students to engage in entrepreneurial activities. The College of Business followed up with subsequent investments through endowed chairs to foster campus-wide entrepreneurship.
- ***TRIO Programs***: Serve as the Executive Sponsor and Congressional liaison for the University's TRIO, Upward Bound, Veteran's Upward Bound and other affiliated Special Services programs to support students from under-represented, minority, and low-income populations.

CHIEF INNOVATION OFFICER

U.S. Department of Health & Human Services (2019–2020)

Key Activities and Accomplishments

Appointed under President Trump's first administration as Chief Innovation Officer of the US Department of Health and Human Services reporting into the immediate Office of the Secretary (Sec. Alex Azar). US HHS is the world's largest civilian agency, with 28 operating divisions and 14 staff divisions. Appointed through an Intergovernmental Personnel Act (IPA) agreement, donated time and expertise to the federal government, to help the US HHS establish a data sharing architecture across all the agency's silos to enable data-driven innovations and services for the benefit of American citizens. As the Chief Innovation Officer, provided direction to ensure that HHS effectively uses data & data science; innovation & public-private partnerships; and technology & digital services to improve the lives of the American people, improve effectiveness of HHS funding investments, and performance of the Department.

- **Led Enterprise-wide Data, AI, and Digital Transformation,** directing the Department's AI strategy aligned with the American AI Initiative; establishing the HHS Data Hub and governance framework; serving as technical lead for the Unifi interagency analytics platform; modernizing HealthData.gov (4,500+ datasets); and building a data- and AI-capable workforce through the HHS Data Science CoLab.
- **Advanced High-impact Innovation and Health IT Modernization,** including the $25M Kidney***X*** public–private accelerator; launch of HHS's first Opioid Code-A-Thon; modernization of Indian Health Service IT systems serving 2.6M citizens; Medicare appeals reform prototyping with CMS; and national expansion of consumer access to digital immunization records in partnership with CDC and states.
- **Operation Warp Speed:** Served as part of team that liaised between the Trump Administration's Operation Warp Speed (a public–private partnership initiated by the United States government to facilitate and accelerate the development, manufacturing, and distribution of COVID-19 vaccines, therapeutics, and diagnostics) and the State of Louisiana in the initial months of COVID-19 response.

FACULTY ACADEMIC RESEARCH LEADERSHIP AND ACADEMIC APPOINTMENTS

Faculty Appointments: School of Computing and Informatics, UL Lafayette. Professor (2017–Present); Associate Professor (2009–2016); Assistant Professor (1999–2008)

Key Activities and Accomplishments

- **Teaching**: Tenured faculty member in the School of Computing and Informatics since 1998, teaching across the full academic continuum — undergraduate foundations, graduate theory, applied research, and doctoral supervision. Courses included Computer Architecture (CMPS 430), Capstone and Internship Projects (CMPS 497/498), Design and Analysis of Algorithms (CMPS 500), Master's Research (CMPS 590), Thesis (CMPS 599), Advanced Topics in Computer Science and Software Systems (CMPS 619/659/669), and Dissertation Research (CMPS 699). Developed and introduced forward-looking curriculum in enterprise architectures, distributed systems (CORBA, J2EE, EJB), Java/.NET technologies, object-oriented databases, intelligent machines, robotics, and machine vision — aligning academic preparation with evolving industry and research demands. Maintained strong student evaluations reflecting rigor, clarity, and relevance.
- **Mentorship and Student Outcomes**: Advised more than 100 master's research projects, co-supervised doctoral dissertations, and mentored hundreds of students who now serve in leadership roles across academia, federal agencies, and industry. Fostered a culture of inquiry, guiding students in research design, publication, presentation, and career placement.
- **Experiential Learning and Workforce Alignment**: Embedded externally funded R&D into classroom instruction and graduate seminars, engaging students in real-world, client-facing projects supported by federal, state, and industry sponsors. Established internship pathways and aligned curricula with emerging workforce demands in AI, data science, cybersecurity, robotics, and manufacturing.

- **Research-Integrated Teaching Model**: Leveraged more than $120M in funded research (as PI/Co-PI) to create learning environments where students contributed to large-scale, interdisciplinary projects — strengthening technical depth, teamwork, and applied problem-solving skills.
- **STEM Pipeline and Inclusive Excellence**: Founded the NSF-funded Louisiana TIES Laddered Mentoring Program, linking high school, undergraduate, and graduate students with faculty and industry mentors. Supported more than 170 students through assistantships, scholarships, and experiential research opportunities, intentionally expanding access and advancing diversity in STEM disciplines while deepening university-community partnerships.

Founding Site Director, NSF Center for Visual and Decision Informatics (CVDI), UL Lafayette (2011-12)
Key Activities and Accomplishments

- **Founded and led the Center for Visual and Decision Informatics** (CVDI), the nation's only NSF Industry–University Cooperative Research Center in Big Data at the time, headquartered at UL Lafayette - building a global consortium of seven universities across three countries and 30+ corporate partners including Intel, Nokia, Johnson & Johnson, CGI, and Thomson Reuters.
- **Secured $5.1M+ in NSF and industry funding**, supporting 58 students, 26 researchers, and 25 funded projects; generated 45 publications and a 42:1 return on investment, established Louisiana's first NSF Center of Excellence, and expanded research access through NSF-funded REU and REV programs.

Founding Executive Director, National Incident Management Systems & Advanced Technologies (NIMSAT) Institute, UL Lafayette (2007-2012)
Key Activities and Accomplishments

- **Established and directed a nationally recognized disaster resilience and homeland security institute**, creating and leading the Louisiana Business Emergency Operations Center (LA BEOC), later adopted by FEMA as the National BEOC model, and serving as Incident Commander under multiple governors to coordinate federal, state, and industry response efforts.
- **Recognized as a national best practice by FEMA and the U.S. Chamber of Commerce**, cited by federal and state leaders for disaster response excellence (Hurricanes Gustav and Ike, BP Oil Spill), and recipient of the National Hurricane Conference Outstanding Achievement Award and Greater Lafayette Chamber Innovation Award (2011).

Founding Director, Center for Business and Information Technologies (CBIT), UL Lafayette, (2002-2012)
Key Activities and Accomplishments

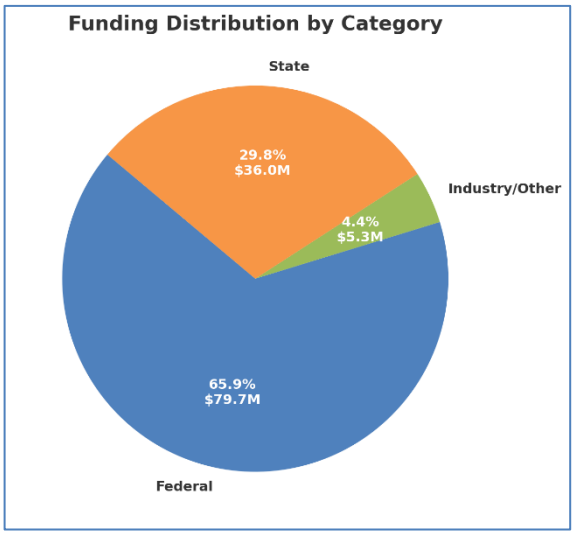
- **Founded and led a nationally recognized applied research center** advancing healthcare IT, smart communities, and digital economic development; securing a $12.9M Louisiana Department of Health partnership, launching CajunCodeFest (White House–endorsed), contributing to Lafayette's designation as a national "Living Lab" for Health Innovation, and developing AccessLouisiana – the state's official economic development portal under Governor's Foster and Blanco, that became a platform for Louisiana's post-Katrina recovery.
- **Translated innovation into commercialization and entrepreneurship**, designing UL Lafayette's Capture™ online admissions platform, founding LaTIES (Louisiana's first NSF-funded technology incubator), and earning the Governor's Lantern Award for statewide impact in innovation and economic development.

Representative R&D grants, presentations and peer-reviewed publications and as a faculty member/researcher are provided in the following sections.

R&D Grants & Contracts

Awarded more than **$121 million** as PI or co-PI in competitive research, innovation, and partnership funding from federal, state, and industry sponsors. These projects reflect a strong record of leadership in applied research, development, collaborations and strategic partnerships.

- **Federal Support ($79.7M):** Significant federal funding has been secured through agencies such as the **National Science Foundation, Department of Energy, Department of Homeland Security, U.S. Army Research Office, National Aeronautics and Space Administration, and National Institute of Standards and Technology**. These awards have supported research centers, national security projects, disaster resilience platforms, healthcare innovation, and large-scale applied science initiatives.
- **State of Louisiana Support ($36.0M):** State-funded projects have advanced Louisiana's **healthcare delivery systems, information technology modernization, emergency preparedness, workforce development, and economic growth**. Partnerships with the Louisiana Department of Health, Office of Technology Services, Board of Regents, UL System, and Louisiana Economic Development have enabled applied research to directly strengthen the state's infrastructure and public services.



- **Industry and Other Support ($5.3M):** Engagements with **private industry, consortia, and nonprofit organizations** have yielded significant investments in technology transfer, commercialization, and applied solutions. These include funding from private companies (e.g., Stuller Settings, Bizzuka, Classroom Ads), as well as industry consortium support through the **NSF Industry/University Cooperative Research Center for Visual and Decision Informatics (CVDI)**.

The awards below are grouped by funding source (Federal, State of Louisiana, and Industry/Other) and listed in reverse chronological order within each category, with project periods shown by year.

Federal Agency Funded Research

1. Acquisition of Equipment for Louisiana BieauxTech; Funding Agency: US SBA; Period: 2023 – 2025; Amount: $2,000,000.
2. Strategic Partnership for Addressing Social Health Determinants; Funding Agency: LDH; Period: 2023 – 2025; Amount: $9,500,000.
3. Expanding COVID-19 Vaccinations for Underserved Populations of Louisiana (VAX-UP Louisiana); Funding Agency: LDH; Period: 2022 – 2023; Amount: $15,000,000.
4. Partnership for COVID-19 Vaccination of Underserved Populations (VAX-UP); Funding Agency: LDH; Period: 2021 – 2022; Amount: $21,900,000.
5. Collaborative Research: Fundamental Research in Visualization-based Gap Analysis and Link Prediction; Funding Agency: NSF; Period: 2013 – 2015; Amount: $100,000.

6. Community Education and Outreach (CEO): An Analytics Platform for Hazard Mitigation, Risk Management and Disaster Declaration Assistance; Funding Agency: FEMA/GOHSEP; Period: 2013 – 2015; Amount: $1,302,628.
7. DHH IT Operations; Funding Agency: DHH/MVA; Period: 2012 – 2015; Amount: $12,900,449.
8. Assessment of UICDS Software Version 1.2.2; Funding Agency: DHS/NIHS; Period: 2012 – 2013; Amount: $48,147.
9. DHH, Office of Behavioral Health (OBH) Systems Host & Maintain; Funding Agency: DHH/OBH; Period: 2012 – 2013; Amount: $39,375.
10. Traumatic Head and Spinal Cord Injury Service Plan Workflow; Funding Agency: DHH/OS; Period: 2012 – 2013; Amount: $80,348.
11. Center for Health Care Innovation and Technology (CHCIT); Funding Agency: DHH/MVA; Period: 2012 – 2015; Amount: $5,325,000.
12. Center for Visual and Decision Informatics; Funding Agency: NSF; Period: 2012 – 2017; Amount: $413,585.
13. Birth Outcomes; Funding Agency: DHH/OS; Period: 2012 – 2012; Amount: $100,009.
14. Sustainment and Improvement of the Louisiana Business Emergency Operations Center (LA BEOC); Funding Agency: FEMA/GOHSEP; Period: 2011 – 2012; Amount: $144,587.
15. Electronic Plan of Care (ePOC); Funding Agency: DHH/OAAS; Period: 2011 – 2012; Amount: $497,904.
16. Louisiana 5Ps System; Funding Agency: DHH/OS; Period: 2011 – 2012; Amount: $72,346.
17. Louisiana Business Emergency Operations Center (LA BEOC) Activation; Funding Agency: GOHSEP; Period: 2011 – 2012; Amount: $1,000,000.
18. OAAS Participant Tracking System (OPTS) Enhancements; Funding Agency: DHH/OAAS; Period: 2011 – 2012; Amount: $70,000.
19. BP Spill Claims Informatics and Analytics; Funding Agency: DPS/LOSCO; Period: 2011 – 2013; Amount: $245,770.
20. Identifying Opportunities for Forest Sector Companies to Participate in the Wood-Based Bio Revolution: A Supply Chain Insertion Approach; Funding Agency: USDA/LSU Ag; Period: 2010 – 2012; Amount: $22,879.
21. Office of Aging and Adult Services (OAAS) Systems Enhancements Project; Funding Agency: DHH/OAAS; Period: 2010 – 2011; Amount: $225,000.
22. Applied Research and Development Services Cooperative Endeavor Agreement (Line Item & Part 2); Funding Agency: GOHSEP; Period: 2009 – 2010; Amount: $574,992.
23. Enhancing the "State of Louisiana Emergency Operations Plan": Critical Infrastructure & Supply System Interdependency Analysis for Energy Assurance; Funding Agency: DOE/DNR; Period: 2009 – 2012; Amount: $513,998.
24. Host and Maintain Access to Recovery (ATR) Systems (ATR-I & ATR-II) and LASIS; Funding Agency: DHH/OAD; Period: 2009 – 2012; Amount: $498,000.

25. Economic Impact of Louisiana's Critical Infrastructure and Key Resources Asset (CI/KR); Funding Agency: GOHSEP/FEMA; Period: 2009 – 2011; Amount: $80,000.
26. UL Lafayette Emergency Management for Higher Education; Funding Agency: US ED; Period: 2009 – 2011; Amount: $440,286.
27. Participant Services Database; Funding Agency: HHS/DHH/OCDD; Period: 2009 – 2010; Amount: $146,495.
28. Centralized Scheduling Module in OMH-IIS; Funding Agency: DHH/OMH; Period: 2008 – 2009; Amount: $19,948.
29. Community Education and Outreach (CEO): Public Communication and Hazard Data Management Platform Portal; Funding Agency: FEMA/GOHSEP; Period: 2008 – 2011; Amount: $825,000.
30. Michoud Assembly Facility (MAF) Economic Impact Study; Funding Agency: NASA; Period: 2008 – 2008; Amount: $20,000.
31. Hazard Mitigation Plan and 3D Model; Funding Agency: FEMA/GOHSEP; Period: 2007 – 2011; Amount: $157,000.
32. 3rd Generation Omni-Directional Treadmill Immersive Simulator; Funding Agency: US ARO; Period: 2007 – 2011; Amount: $3,084,999.
33. Development of PetaShare: A Distributed Data Archival, Analysis & Visualization System for Data Intensive Collaborative Research; Funding Agency: NSF/MRI; Period: 2006 – 2010; Amount: $96,144.
34. Louisiana TIES: Louisiana Technology Incubator for Entrepreneurial Success; Funding Agency: NSF/PFI; Period: 2006 – 2009; Amount: $600,000.
35. Phase 0: A Feasibility Study for the BalancedFlow Nomex Supply Chain; Funding Agency: DLA; Period: 2003 – 2003; Amount: $150,000.
36. Manufacturing Extension Partnership of Louisiana (MEPoL) Cost-Sharing Contract; Funding Agency: NIST; Period: 2002 – 2003; Amount: $200,000.
37. Collaborative E-Business Management - Roadmap for Louisiana Businesses; Funding Agency: BoR; Period: 2002 – 2005; Amount: $100,004.
38. Basic Contract as Partner in the Apparel Research Network Program (ARN II); Funding Agency: DLA; Period: 2002 – 2005; Amount: $45,000.
39. Scalable Information Framework for the Extended Business Enterprise; Funding Agency: NSF; Period: 2000 – 2002; Amount: $105,444.
40. Modeling Design and Prototyping of a Multi-Degree-of-Freedom Robotic Gripper System for Limp Material Manipulation; Funding Agency: NSF; Period: 1997 – nan; Amount: $189,720.
41. Demand Activated Manufacturing Architecture (DAMA) Center Research Project; Funding Agency: DoE; Period: 1995 – nan; Amount: $619,714.
42. Object Identification, Classification and Avoidance in 3-D Underwater Automated Surveillance; Funding Agency: NSF; Period: 1995 – nan; Amount: $250,717.

State-Agency Funded Research & Development Projects:

1. Advanced Biotech Development; Funding Agency: Legislative Funds; Period: 2023 – 2025; Amount: $4,000,000.
2. Bayou Chevrueil Acquisition; Funding Agency: LDWF; Period: 2023 – 2024; Amount: $9,000,000.
3. Advanced Manufacturing; Funding Agency: Legislative Funds; Period: 2023 – 2025; Amount: $17,000,000.
4. School Based Active Shooter Exercise; Funding Agency: GOHSEP/ LPPC; Period: 2013 – 2013; Amount: $12,790.
5. An Information Sharing Platform for Enhanced Business Disaster Resilience; Funding Agency: OCD; Period: 2013 – 2015; Amount: $300,000.
6. Louisiana Workforce Supply and Demand Forecast Simulation; Funding Agency: LWC; Period: 2009 – 2011; Amount: $1,050,768.
7. DOA Spending Information Database (LaTrac); Funding Agency: DOA; Period: 2008 – 2011; Amount: $250,000.
8. ATR Lite; Funding Agency: DHH/OAD; Period: 2008 – 2008; Amount: $15,000.
9. Access to Recovery (ATR) for MHSD; Funding Agency: MHSD; Period: 2007 – 2008; Amount: $106,000.
10. The LONI Institute: Advancing Biology, Materials, & Computational Sciences for Research, Education, & Economic Development; Funding Agency: BoR; Period: 2007 – 2013; Amount: $1,125,060.
11. Access to Recovery (ATR) System Enhancements; Funding Agency: DHH/OAD; Period: 2006 – 2009; Amount: $1,297,000.
12. The Information Technology Transfer Laboratory (ITTL): Rebuilding Louisiana's Knowledge Economy; Funding Agency: BoR; Period: 2006 – 2008; Amount: $62,496.
13. Gulf Coast Opportunity Zone (GOZone) Redevelopment Using 3D Modeling; Funding Agency: DOTD/LTRC; Period: 2006 – 2006; Amount: $84,500.
14. Extending JIT to Incorporate JIC Scenarios; Funding Agency: BoR; Period: 2005 – 2007; Amount: $62,400.
15. I.T. Enhancements to Support Teaching, Research, and Patient Care; Funding Agency: BoR; Period: 2004 – 2006; Amount: $75,000.
16. LouisianaExperts; Funding Agency: LED; Period: 2003 – 2006; Amount: $182,500.
17. LouisianaLocate; Funding Agency: LED; Period: 2003 – 2006; Amount: $258,750.
18. Establishment of the Louisiana Supply Network Education Testbed (LouiSNET); Funding Agency: BoR; Period: 2003 – 2005; Amount: $156,596.
19. Enhancement of Undergraduate Engineering Curriculum in Design and Manufacturing Courses Through Implementation of Product Realization; Funding Agency: BoR; Period: 2003 – 2006; Amount: $69,300.
20. Louisiana Commerce Exchange System (LACES); Funding Agency: LED; Period: 2003 – 2006; Amount: $187,500.

21. Planning Grant for the Establishment of the National Science Foundation Center for Integrated Enterprise Research (CIER); Funding Agency: BoR; Period: 2002 – 2004; Amount: $43,090.
22. Textile Life Cyle Waste Management and Resource Recovery Model; Funding Agency: BoR; Period: 2002 – 2005; Amount: $73,168.
23. Online Fabric Sourcing Database with Data Mining and Intelligent Search; Funding Agency: BoR; Period: 2001 – 2005; Amount: $45,675.
24. Louisiana Advanced Manufacturing Research Testbed (AMRT); Funding Agency: BoR; Period: 2000 – 2003; Amount: $124,500.
25. Louisiana Textile - Apparel - Retail Consortium for Quick Response (LaTAR); Funding Agency: BoR; Period: 1999 – 2001; Amount: $86,696.
26. Intelligent Machines on the Factory Floor; Funding Agency: BoR; Period: 1999 – 2002; Amount: $125,000.
27. Reconfigurable Robotic Grippers for Handling Limp Material: An Attempt to Automate the U.S. Apparel Industry; Funding Agency: BoR; Period: 1996 – 1999; Amount: $230,000.

Industry/Other

1. HERO/HALO Fund; Funding Agency: Foundation; Period: 2023 – 2025; Amount: $95,000.
2. Intelligent Flood Protection Monitoring and Response System (iLevees) Support; Funding Agency: OCPR
/Geo Corp; Period: 2013 – 2013; Amount: $31,949.
3. LILAH (Living Independent Life at Home) Code Review; Funding Agency: Constant Care; Period: 2013 – 2013; Amount: $20,690.
4. Codefest Getting Value from Data; Funding Agency: IMLS /Drexel; Period: 2013 – 2013; Amount: $10,000.
5. Design Documentation / Architectural Blueprint; Funding Agency: Estimatics; Period: 2013 – 2013; Amount: $23,171.
6. CVDI IAB Member Fund; Funding Agency: Various; Period: 2012; Amount: $410,000.
7. Classroom Ads, Phase 1; Funding Agency: ClassAds; Period: 2011 – 2012; Amount: $12,435.
8. Classroom Advertising Documents (High Level Design & Statement of Work); Funding Agency: ClassAds; Period: 2011 – 2011; Amount: $4,301.
9. Search Team Asymptotic Convergence During Continuous Document Review (STAC); Funding Agency: IDS; Period: 2011 – 2011; Amount: $8,640.
10. Intelligent Flood Protection Monitoring Warning and Response System (iLevees); Funding Agency: OCPR/Geo Corp; Period: 2010 – 09/31/12; Amount: $237,101.
11. National Impact and Contributions of Louisiana Highway One (LA 1); Funding Agency: LA 1; Period: 2010 – 2011; Amount: $50,000.
12. Cadre Management System; Funding Agency: JLWA; Period: 2010 – 2011; Amount: $37,020.
13. IT Infrastructure; Funding Agency: G-ITI; Period: 2009 – 2011; Amount: $252,000.

14. IT Technical Assistance for the State of Louisiana; Funding Agency: RTI; Period: 2008 – 2009; Amount: $337,500.
15. AMIGO Visualization Platform; Funding Agency: Premiere; Period: 2007 – 2008; Amount: $150,000.
16. Assessment of Critical Infrastructure/Key Resources (CI/KR) along Louisiana's Gulf Coast; Funding Agency: MIEMAR; Period: 2007 – 2008; Amount: $100,000.
17. Parallel-GIS: An Open-Source GIS Application on the Supercomputers of LITE and LONI; Funding Agency: G-ITI; Period: 2007 – 2010; Amount: $284,240.
18. Web Administrative Information Database (WebAID); Funding Agency: G-ITI; Period: 2007 – 2009; Amount: $240,866.
19. UL Lafayette Enterprise Applications (Capture, WebERA, IP Tracker); Funding Agency: G-ITI; Period: 2007 – 2009; Amount: $194,110.
20. LBIA Support for Louisiana TIES; Funding Agency: LED/LBIA; Period: 2006 – 2007; Amount: $50,000.
21. Regional Marketing Campaign for Louisiana TIES; Funding Agency: LED; Period: 2006 – 2007; Amount: $100,000.
22. UL STARS - University of Louisiana System for Tracking Assets, Resources, and Students (Phase 2, 3, & 4); Funding Agency: ULS; Period: 2006 – 2007; Amount: $92,000.
23. Implementation Roadmap for the University of Louisiana System's Automated Reporting System; Funding Agency: ULS; Period: 2006 – 2006; Amount: $18,000.
24. Software Development and Applications; Funding Agency: G-ITI; Period: 2006 – 2007; Amount: $114,875.
25. Enhancing Louisiana Forest Products Industry Development and Competitiveness; Funding Agency: BoR; Period: 2005 – 2007; Amount: $54,105.
26. GRID (Grid Research, Innovation and Development): A New Paradigm for LITE; Funding Agency: G-ITI; Period: 2005 – 2007; Amount: $672,750.
27. LouisianaPetrochem; Funding Agency: LED; Period: 2004 – 2006; Amount: $30,000.
28. Enterprise On Demand Content and Component (eOnDeCC); Funding Agency: Bizzuka; Period: 2004 – 2006; Amount: $5,000.
29. Megasite Development Framework for Louisiana; Funding Agency: LED; Period: 2004 – 2005; Amount: $110,000.
30. Capture Software Development Agreement; Funding Agency: ADMIN701; Period: 2003 – 2004; Amount: $40,000.
31. Intelligent Intermediaries; Funding Agency: G-ITI; Period: 2001 – 2007; Amount: $1,212,448.
32. Photochemical Systems for Energy Conservation Within Louisiana's Chlor-Alkali Industry; Funding Agency: DNR; Period: 2000 – 2002; Amount: $100,038.
33. Design & Development of an AS/RS for Stuller Settings; Funding Agency: STULLER; Period: 1997 – 1999; Amount: $205,085.

PEER-REVIEWED PUBLICATIONS

Dr. Ramesh Kolluru has an extensive body of peer-reviewed research spanning over two decades, with over 35 publications across robotics, artificial intelligence, cyberinfrastructure, emergency management, and supply chain systems. His early work (1995–2000) significantly advanced robotic manipulation of deformable materials, intelligent sensor design, and autonomous system architectures, including several invited papers in *IEEE Transactions* and *Control Systems Magazine*. In the 2000s, his research evolved to focus on enterprise integration, agile manufacturing, and supply chain resilience, producing influential models for forecasting, trust management, and scalable information systems. Later publications extended these principles to disaster management and decision support, including real-time evacuation planning, emergency logistics, and public-private partnerships for community resilience. His more recent contributions explore the "Third Wave of AI" and human-centered intelligence, reflecting a continuous trajectory of innovation bridging technology, systems thinking, and societal impact.

1. Chu, H., **Kolluru, R**., Szu, Harold. "*The 3rd Wave of AI*" MedCrave Journal of Medical Bionics and Biomechanics, June 2019.
2. Katz, D.S., Allen, G., Cortez, R., Cruz-Neira, C., Gottumukkala, R., Greenwood, Z.D., Guice, L., Jha, S., **Kolluru, R.,** Kosar, T., Leger, L., Liu, H., McMahon, C., Nabrzyski, J., Rodriguez-Milla, B., Siedel, E., Speyrer, G., Stubblefield, M., Voss, B., & Whittenburg, S. "Louisiana: A Model for Advancing Regional e-Science through Cyberinfrastructure", Philosophical Transactions of the Royal Society of London, Series A, (2009) 367, 2459–2469, doi:10.1098/rsta.2009.0037.
3. Stewart, G., **Kolluru, R**. & Smith, M. "Leveraging Public-Private Partnerships to Improve Community Resilience in Times of Disaster," International Journal of Physical Distribution and Logistics Management, ISSN 0960-0035, Vol. 39, No. 5, 2009, Emerald Publishing.
4. **Kolluru, R.,** Meredith, P., Steward, A., Smith, M., Smith, S., Peck, J., Davis, S., & Dwivedi S.N., "*An Extended Enterprise Framework for Supply Network Management*", International Journal of Agile Manufacturing, May 2004 Vol. 3, Issue 2.
5. **Kolluru, R**., & Meredith, P.H. *"Security and Trust Management in Supply Chains"*, Journal of Information Management and Computer Security, May 2001, MCB University Press, U.K.
6. **Kolluru, R**., Meredith, P., Steward, A., Smith, & Smith, M. "*2-Stage Forecasting Model for Supply Networks Using Artificial Neural Networks*", International Journal of Supply Chain Management, April 2001, MCB University Press, Bradford, England.
7. Peck, J., **Kolluru, R**., Davis, S., Meredith, P., Kernodle B., Smith, S., Jarvis, C., Steward, A., & Pargas, R., "*Information Support for Supply Network Management*", International Journal of Agile Manufacturing, May 2001, Vol. 3 No. 2.
8. Peck, J., **Kolluru, R**., Davis, S., Meredith, P., Jarvis, C., Smith, S., & Kernodle, B., "*Scalable information flow for the extended business enterprise*", International Journal of Clothing Science and Technology, April 2001, Vol. 12 No. 6, 102-103.
9. **Kolluru, R**., Valavanis, K., Smith, S., & Tsourveloudis, N. "*An overview of the University of Louisiana Robotic Gripper System Project*" (invited paper), Transactions of the Institute of Measurement and Control, Arnold Publishers, UK.
10. **Kolluru, R**., Loganantharaj, R. & Smith, S. "*Design and Development of Autonomous Intelligence Smart Sensors"*, in *Intelligent Problem Solving*, Springer-Verlag, 2000. Eds. Moons Ali, Günter Palm, and Rasiah Loganantharaj.

11. **Kolluru, R**., Valavanis, K., Smith, S., & Tsourveloudis, N. *"Design Fundamentals of a Reconfigurable Robotic Gripper System",* IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, Volume 30, Number 2, pp. 181-186, March 2000.

12. Hebert, T., Tsourveloudis, N., Valavanis, K., & **Kolluru, *R.*** *"Mobile Robot Navigation in 2-D Dynamic Environments Using an Electrostatic Potential Field"* IEEE Transactions on Systems, Man and Cybernetics, Part A, Volume 30, Number 2, pp. 187-196, March 2000.

13. Tsourveloudis, N., Valavanis, K. & **Kolluru, R**. "Position and Suction Control of a Reconfigurable Robotic Gripper," Machine Intelligence and Robotic Control, Vol. 1, No. 2, pp.: 53-62, December 1999.

14. Tsourveloudis, N., **Kolluru, R**., Valavanis, K. & Gracanin, D. *"Suction Control of a Robotic Gripper*: *A Neuro-Fuzzy Approach",* Journal of Intelligent and Robotic Systems, 00: 1-21, 1999.

15. **Kolluru**, **R**., & Valavanis, K. *"Modeling, Analysis and Performance Evaluation of a Robotic Gripper for Limp Material Handling",* IEEE Transactions on Systems, Man and Cybernetics, Volume 28B, Number 3, June 1998.

16. Hebert, T., **Kolluru, R**., & Valavanis, K. *"A Real-time, Hierarchical, Sensor-based Robotic System Architecture",* Journal of Intelligent & Robotic Systems, Vol. 21, No. 1, pp.: 1-27, January 1998.

17. Valavanis, K., Gracanin, D., Matijasevic, M., **Kolluru, R**., & Demetriou, G. *"Control Architectures for Autonomous Underwater Vehicles"*, Invited Paper, IEEE Control Systems Magazine, Vol. 17, No. 6, December 1997.

18. **Kolluru, R**., Valavanis, K., Steward, G., & Sonnier, R. *"A Flat Surface Robotic Gripper for Handling Limp Material",* IEEE Robotics and Automation Magazine, Vol. 2, No. 3, pp.: 19-26, September 1995.

19. **Kolluru, R**., Meredith, P., Steward, A., Smith, M., Smith, S., Peck, J., Davis, S., & Dwivedi S.N., "*Concurrent Engineering in Supply Chains*", Invited Paper, 8th ISPE International Conference on Concurrent Engineering: Research and Applications, Los Angeles, California, July 28 – August 1, 2001.

20. Peck, J., **Kolluru, R.,** Davis, S., Meredith, P., Pargas, R., Kernodle B., Smith, S., Jarvis, C., & Steward, A., "*Information Support for Supply Network Management*", *Proceedings of the Scalable Enterprise Systems Workshop*, Sponsored by NSF Design, Manufacturing and Industrial Innovation, May 19, 2001, Dallas, TX.

21. **Kolluru, R.,** Peck, J., Davis, S., Meredith, P., Pargas, R., Kernodle B., Smith, S., Jarvis, C., & Steward, A., "*Scalable Information Architecture for the Extended Enterprise*", *Proceedings of the Scalable Enterprise Systems Workshop*, Sponsored by NSF Design, Manufacturing and Industrial Innovation, Jan 7, 2001, Miami, Florida.

22. **Kolluru, R**., Loganantharaj, R., Smith, S., Bayyapu, P., LaBauve, G., Spencer, J., Hooker, J., Simmons, S. & Hebert, T. "*Design and Development of Autonomous Intelligence Smart Sensors*", *Proceedings of the 13th Intl. Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems*, New Orleans, Louisiana, pp. 306-315, June 19-22, 2000.

23. **Kolluru, R**., Meredith, P., & Smith, S. "*Intelligent Control Architecture for Manufacturing Enterprise Integration*", International Association of Science and Technology for Development International Conference on Control and Applications, May 24-27, 2000, Cancun, Mexico.

24. **Kolluru, R**., Smith, S., Meredith, P., Loganantharaj, R., Chambers, T., Seetharaman, G., & D' Souza, T. *"A Framework for the Development of Agile Manufacturing Enterprises*", IEEE International Conference on Robotics and Automation San Francisco, CA, April 24-28, 2000.

25. **Kolluru, R**., Valavanis, K., Smith, S., & Tsourveloudis, N. "*Design and Analysis of a Reconfigurable Robotic Gripper for Limp Material Handling"* IEEE International Conference on Robotics and Automation (ICRA 2000), San Francisco, CA, April 24-28, 2000.

26. **Kolluru, R**., Smith, S., Loganantharaj, R., Chambers, T., Gracanin, D., & Seetharaman, G. *"An Information Framework for Integrated Agile Manufacturing Systems"*, Invited Paper, Proceedings of the Joint Meeting of the 3rd World Multiconference on Systemics, Cybernetics and Informatics (SCI '99) and the 5th International Conference on Information Systems Analysis and Synthesis (ISAS '99), Orlando, USA, July 31 - August 4, 1999.

27. **Kolluru, R**., Valavanis, K., Smith, S., & Tsourveloudis, N. "*Design Fundamentals of a Reconfigurable Robotic Gripper*", Proceedings of 18th IASTED International Conference on Modelling, Identification and Control, Innsbruck, Austria, February 1999.

28. Loganantharaj, R. & **Kolluru, R**. "*An Efficient Scheduling Algorithm for an Automated Storage and Retrieval System",* 12th International Conference on Computer Applications in Industry and Engineering, November 4-6, 1999 Atlanta, GA.

29. Tsourveloudis, N., **Kolluru, R**., & Valavanis, K. *"Fuzzy Control of a Suction-Based Robotic Gripper System",* Proceedings of the IEEE Conference on Control Applications, CCA '98, September 1998, Trieste, Italy.

30. **Kolluru, R**., & Valavanis, K. *"Design and Analysis of a Reconfigurable Robotic Gripper System",* Invited Paper, Proceedings of the International Symposium on Intelligent Robotic Systems, Bangalore, India, January 10-12, 1998.

31. **Kolluru, R**., Hebert, T., & Valavanis, K. "*A Robotic Gripper System for Limp Material Manipulation: Modeling, Analysis and Performance Evaluation*", Proceedings of the IEEE International Conference on Robotics and Automation, ICRA'97, pp.: 310-316.

32. Hebert, T., Valavanis, K. & **Kolluru, R**. "*A Robotic Gripper System for Limp Material Manipulation: Hardware and Software Development and Integration*", Proceedings of the IEEE International Conference on Robotics and Automation, ICRA'97, pp.: 10-16.

33. **Kolluru, R**. & Valavanis, K. *"Robotics and Automation in the Apparel and Textiles Industry: The Current Situation",* Presentation at the Workshop on Service Robots, The Eighth International Conference on Advanced Robotics, ICAR 1997, Monterey, CA, July 6-9, 1997.

34. Gracanin, D., Valavanis, K., Matijasevic, M. & **Kolluru, R.** "*Development of a Virtual Reality Testbed and AUV Control Architecture for Coastal/Shallow Water Environments",* Published in Proceedings of Coastal Ocean Space Utilization, 1997.

35. **Kolluru, R**., & Valavanis, K. "*Design of a Robotic Gripper System for Automated Deformable Material Manipulation",* Proceedings of the World Automation Congress: International Symposium on Robotics and Manufacturing, France, May 1996.

36. **Kolluru, R**., Valavanis, K., Steward, A., & Sonnier, M. "*A Sensor-based Robotic Gripper for Limp Material Handling*", Proceedings of the Third IEEE Mediterranean Symposium on Control and Automation, Vol. 1., pp.: 68-76, Cyprus, June 1995.

PRESENTATIONS

Invited speaker at over 50 national conferences, panels, and workshops including such events as The White House, US Ignite, Health Data Palooza, National Hurricane Conference, Supercomputing, Governor's Economic Development Conference, Louisiana Industrial Development Executives Association, Louisiana Entrepreneurship Panel, among several others. Select list includes:

1. Invited Keynote Speaker, *"Innovation at HHS,"* BioDataWorld West 2019, San Diego, California, October 10, 2019.
2. Invited Speaker, "*Data Science and Big Data at HHS*," ACT-IAC Advancing Government, Washington, D.C., October 30, 2019.
3. Invited Speaker and Session Chair, *International Conference on the Dramatic Changes of the Planet and the Hellenic Roots of Ecological Ethics,* Patras, Greece, June 16-20, 2018.
4. Invited Luncheon Speaker, REALTORS® Commercial Alliance, Lafayette, Louisiana, June 6, 2018.
5. Invited Keynote Speaker, "*Perspectives on Entrepreneurship*," U.S. Association for Small Business and Entrepreneurship (USASBE) Chapter, Lafayette, Louisiana, April 27, 2018.
6. Session Chair, "*Opioid Summit and Hackathon*," CajunCodeFest 6.0, Lafayette, Louisiana, April 13, 2018.
7. Invited Speaker, "*Intro Lafayette: Innovation and Research*," Leadership Institute of Acadiana, Lafayette, Louisiana, March 1, 2018.
8. Invited Speaker and Panelist, *"Essential Players in Making Technology Work,"* 2017 Louisiana Smart Growth Summit, Center for Planning Excellence, Baton Rouge, Louisiana, November 8, 2017.
9. Invited Speaker and Distinguished Guest, "*Foro Internacional, Uniendo Fronteras Hacia El Desarrollo Sustenable / International Forum, Bridging Borders Towards Sustainable Development*," Centla, Tabasco, Mexico, June 5-6, 2016.
10. Invited Speaker, The White House, "*President Obama's launch of the US Ignite Initiative*", Office of Science and Technology Policy and the National Science Foundation, The White House, January 27, 2016.
11. Invited Speaker and Local Chair, *5th FEMA Conference on Public-Public Partnerships",* New Orleans, Louisiana, December 9-10, 2015.
12. Invited Speaker, 2013 HIMSS Gulf Coast Chapters Conference, December 5-6, Beau Rivage Resort, Biloxi, Mississippi.
13. Invited Main Stage Speaker, 2013 Health Data Palooza, Omni Shoreham Hotel, Washington, D.C., June 2-4, 2013.
14. Invited Speaker, The White House, "*President Obama's launch of the US Ignite Initiative*", Office of Science and Technology Policy and the National Science Foundation, The White House, June 14, 2012.
15. Gottumukkala, R., Zachary, J., Kearfott, B. & Kolluru, R**.** "Real-Time Information Driven Decision Support System for Evacuation Planning", 2012 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support, March 6-8 2012, New Orleans, LA, USA.

16. Invited Speaker and Distinguished Guest, "CBIT, Louisiana Day at Microsoft", Executive Briefing Center, Microsoft Corporation, Redmond, Washington, December 6, 2011.

17. Invited Testimony, Senate Homeland Security and Governmental Affairs Committee, *"Port Fourchon and LA-1 Consequence Analysis"*, US Congress, Dirksen Building, November 19, 2011.

18. Invited Speaker and Session Co-Chair, "*1st International Workshop on Regional Critical infrastructures Protection Programmes: Main issues, Experiences and Challenges,*" Lombardy Region Authorities in Milan, Italy, November 17-18, 2011.

19. Invited Speaker and Session Co-Chair, "*The First National Conference on Building Resilience Through Public-Private Partnerships*", Federal Emergency Management Agency, Washington, D.C., August 3 - 4, 2011.

20. Invited Presenter, "*Strategic Public-Private Sector Initiatives in Louisiana*", National Emergency Managers Association (NEMA) 2010 Annual Conference, October 17-21, 2010.

21. Zhang, H., Gottumukkala, R., Kearfott, B., & Kolluru, R. "A Multi-Objective Mixed Optimization Model for POD to Distribute Emergency Supplies", Institute for Operations Research and the Management Sciences (INFORMS) 2010 Conference, November 2010.

22. Invited Presenter, "*Strategic Public-Private Sector Initiatives in Louisiana*", Governor's Hurricane Conference, May 23, 2010.

23. Invited Presenter, "*Critical Infrastructure Dependencies*", Southern States Homeland Security Conference, New Orleans, Louisiana, April 2010.

24. Invited Presenter, "*Louisiana Business Emergency Operations Center: A Strategic Public-Private Partnership Initiative in Louisiana*", Louisiana's 18 CIKR Representatives, March 2010.

25. Invited Presenter, "Louisiana Business Emergency Operations Center: *Strategic A Public-Private Partnership Initiative in Louisiana*", National Hurricane Conference, March 2010.

26. Gottumukkala, R., Kolluru, R., Sun, X., Smith, M., Grambling, B., & Zhang, H. "Fuel Demand Estimation for Regional Hurricane Evacuation", National Evacuation Conference, Feb 3-5, 2010, New Orleans, LA.

27. Ramesh Kolluru, "*Proactive Business Coordination During Gustav and Ike*", in *Controlling Our Own Destiny: Proactive Steps for Resilient Communities*, US Chamber of Commerce, Business Civic Leadership Center Report 2009, pages 44-45.

28. Ramesh Kolluru and Mark Smith, "*Public-Private Partnerships as Drivers for Disaster Supply Chain Resiliency,*" Invited Paper, US DHS Workshop on Emergency Management: Incident, Resource, and Supply Chain Management, November 5-6, 2009, Center for Emergency Response Technologies, UC Irvine. Presented at the Workshop by Dr. Mark Smith.

29. Panelist, "*Government Perspective on Emergency Management*", U.S. Department of Homeland Security (DHS) Science & Technology Directorate Workshop on Emergency Management: Incident, Resource, and Supply Chain Management (EMWS09), November 5-6, 2009, UC Irvine.

30. Keynote Speaker, "*Prepare Your Business for Hurricanes: The Critical Need for Public-Private Partnerships in Enhancing National Security*", Central Louisiana Chamber of Commerce Strategic Luncheon, Alexandria, Louisiana, May 13, 2009.

31. Keynote Speaker, "*Public-Private Partnerships in Disaster Management"*, Louisiana Emergency Preparedness Association (LEPA)/Governor's Office of Homeland Security and Emergency

Preparedness (GOHSEP) Annual Workshop, May 4-7, 2009, Lake Charles, LA.

32. Invited Presenter, "*Public-Private Partnerships in Disaster Management"*, All Hazards Preparedness Conference/Gulf States Hurricane Conference, April 27-May 1, 2009, Biloxi, MS.

33. Invited Presenter, "*Supply Chain Management during Disasters"*, Grand Challenge in Coastal Resiliency I: Transforming Coastal Inundation Modeling to Public Security, Louisiana State University, Baton Rouge, January 21, 2009.

34. Expert Panelist, "*Lessons Learned from Hurricanes Katrina through Ike"*, US Chamber of Commerce, BCLC Forum on Next Steps for Improving Local, State and National Disaster Recovery Strategies, January 14, 2009, Office Depot Headquarters, Boca Raton, FL.

35. Keynote Speaker, "*Cyberinfrastructure for Emergency Management"*, SGI Academic Panel, Supercomputing 2006 on Application of Supercomputing and Visualization to Louisiana's Post-Katrina Recovery and Restoration, November 13, 2006, Tampa, Florida.

36. Invited Speaker, "*Supply Chain Management within Defense Logistics Agency",* at the Annual U.S. Procurement and Technical Assistance Center (PTAC) Conference, April 13, 2004, Nashville, TN.

37. Speaker, "*Governor's Conference on Economic Development*", New Orleans, LA, April 19, 2004.

38. Member, Program Committee, "*U.S. Department of Homeland Security (DHS) Science & Technology Directorate Workshop on Emergency Management: Incident, Resource, and Supply Chain Management",* November 5-6, 2009, University of California, Irvine.

39. Reviewer, *National Science Foundation Partnerships for Innovation Program* (2008).

40. Member, Southeastern Universities Research Association (SURA) IT Committee (2008).

41. Co-Chair, Workforce Development Committee, Greater Lafayette Chamber of Commerce (2007).

42. Co-Chair, Innovation Committee, Greater Lafayette Chamber of Commerce (2007).

43. Chair, Workshop on Photochemical Systems for the Chemical Industry UL Lafayette and Louisiana Department of Natural Resources, June 22, 2001.

44. Co-Chair, 8th ISPE International Conference on Concurrent Engineering: Research and Applications, Los Angeles, California, July 28 – August 1, 2001.

45. Guest Editor, International Journal of Agile Manufacturing, Special Issue on "*Technologies enabling Supply Chain Management"* (2001).

46. Co-Chair, IEA/AIE-2000 13th International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems, June 19-22, 2000, New Orleans.

47. Co-Chair, SCI 1999/ ISAS 1999, Orlando, USA, July 31 - August 4, 1999.

48. Associate Editor, International Journal of Agile Manufacturing (1999).

49. Chair, "*Workshop on Advances in Service Robots*", July 6, 1997, at the Eighth International Conference on Advanced Robotics, ICAR 1997, Hyatt Regency, Monterey, CA. (with Dr. Paolo Fiorini, Jet Propulsion Laboratories, NASA).

50. Associate Editor, "*Proceedings of the International Advanced Robotics Programme IARP, 1998*".

51. Reviewer, *Kluwer Academic Publishers, IEEE Robotics and Automation Society, IEEE Conference on Decision and Control, IEEE Conference on Systems, Man and Cybernetics, Journal of Intelligent and Robotic Systems, IEEE Conference on Robotics and Automation*.

TECHNOLOGY TRANSFER AND COMMERCIALIZATION (AS A RESEARCHER)

1. *AMIGO* (Licensed to Premiere Performance Systems/Fusion Technologies): Geophysical processing software suite to enable 4D processing and visualization of seismic datasets to support exploration and production operations in support of the oil and gas industry.
2. *TX-5-926-163: CAPTURE* (Licensed to ADMIN.701/Decyphor Processing Systems); Registered: March 23, 2004; Author(s): University of Louisiana at Lafayette (employer for hire of Ramesh Kolluru, et al.)
3. *TX-5-853-415: Student Information System*; Registered: December 10, 2003; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
4. *TX-5-866-204: A Supply Chain Game for the Computer Industry*; Registered: December 10, 2003; Author(s): UL Lafayette (employer for hire of Mark Smith, Ramesh Kolluru, et al.)
5. *TX-5-866-24: Web-based Electronic Research Administration (WebERA)*; Registered: December 10, 2003; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
6. *TXu-1-151-721: LoadEval*; Registered: September 3, 2002; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
7. *TXu-1-053-382: Supply Chain Integrated Markup Language*; Registered: June 3, 2002; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
8. *TXu-1-029-910: Louisiana Commerce Exchange System* (Licensed to Louisiana Department of Economic Development); Registered: April 18, 2002; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
9. *TXu-1-029-911: A Client Management System for Procurement Technical Assistance Centers*; Registered: April 18, 2002; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
10. *TXu-1-011-398: Petroleum Industry Exchange Systems (PIEs) of Acadiana*; Registered: October 1, 2001; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
11. *TXu-1-020-609: Defense Apparel Manufacturers Electronic Reporting System*; Registered: September 25, 2001; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
12. *TXu-1-020-599: Bill & Hold Contract Management System (B&HCOMS);* Registered: September 24, 2001; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)
13. *TXu-1-020-598: Experts Online* (Licensed to LED); Registered: September 21, 2001; Author(s): UL Lafayette (employer for hire of Ramesh Kolluru, et al.)