RESEARCH OVERVIEW of the UNIVERSITY OF NEW ORLEANS

KENNETH W. SEWELL
VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

Goal #4: Strengthen research and creative activity

Heartbeat of the Crescent City
UNO RESEARCH STRENGTHS

UNO as a Comprehensive Urban Research University

- Many research strengths exist—and are valued—among scholars and artists on the faculty across the spectrum of disciplines at the institution.

- Those emphasized here are ones most involved in federal, state, and industry funding partnerships; thus, many (but not all) are in STEM fields.
UNO RESEARCH STRENGTHS

Information Assurance & Cybersecurity

- Aligned with the state priority of Digital Media
- Greater New Orleans Center for Information Assurance (GNOCIA*)
- UNO-Entergy Power and Energy Research Laboratory (PERL)

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Coastal Resilience

- Aligned with the state priorities of Water Management and Life Sciences
- Pontchartrain Institute for Environmental Science (PIES*)
- Center for Hazard Assessment, Response and Technology (UNO-CHART*)
- Additional relevance of the NAME and UNOTI*

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**UNO RESEARCH STRENGTHS**

**Transportation**

- Merritt C. Becker Jr. University of New Orleans Transportation Institute (UNOTI*)
- Collaborative involvement of UNO-CHART*
- Unique niche given policy/social science expertise

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Advanced Materials and Manufacturing

- Aligned with the state priorities of Clean Technologies, Life Sciences, and Advanced Manufacturing
- Advanced Materials Research Institute (AMRI*)
- Partner in National Center for Advanced Manufacturing (NCAM)

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Heartbeat of the Crescent City
UNO RESEARCH STRENGTHS

Smart Grids

- UNO-Entergy Power and Energy Research Laboratory (PERL)
- Entergy Endowed Chair for Power Systems Engineering
- Unique niche given computer modeling of grid disruptions

Heartbeat of the Crescent City
UNO RESEARCH STRENGTHS

Marine Vehicle Design

- School of Naval Architecture and Marine Engineering (NAME) in the College of Engineering
- Unique niche given how few such programs exist nationwide
Hotel, Restaurant, and Tourism

- Hospitality Research Center (HRC*)
- Division of Business & Economic Research
- Unique niche given the hospitality industry penetration within the region

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Examples of Other Focal Areas of Strength

- Economic Impact Analytics
  - Division of Business & Economic Research
  - Institute of Economic Development & Real Estate Research
  - Center for Economic Development
  - Real Estate Research Center
  - Hospitality Research Center (HRC*)

- Applied Social Sciences
  - Applied Developmental Psychology
  - Applied Biopsychology
  - Urban and Regional Planning

- Arts
  - New Orleans Jazz Institute (NOJI*)
  - Film Production

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UNO RESEARCH

Strong and Striving to Grow Stronger

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