

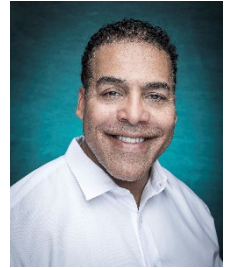
AN NC CHAMBER EVENT

## Education & Workforce Conference

AUGUST 8, 2024  
RALEIGH, NC

**Dr. Karl Ricanek, Jr.**  
**Director of I3S Institute & Face Aging Group & Professor of Computer**  
**University of North Carolina Wilmington**

Karl Ricanek Jr, Ph.D., is the CEO and co-founder of Lapetus Solutions, a health intelligence company that architects and deploys advanced AI/ML for the insurance and financial services industries. Lapetus Solutions has been featured in the New England Journal of Medicine, Nature, Science, Forbes, Wallstreet Journal, Financial Times, and many high-quality publications and is the technology behind the Selfie (Insurance) Quote.



Karl is a world-renowned speaker on AI, computer vision, biometrics, and face recognition. He is credited for developing the field of facial analytics and holds multiple patents in the area. Karl has over 90 referred articles and book chapters in AI/ML, computer vision, and biometrics. He has been an invited presenter on these topics more than 100 times. He has presented on six continents and more than 20 counties.

Karl holds a Ph.D. in Electrical Engineering focusing on machine learning, artificial intelligence, and face recognition. He was a NASA fellow where he worked on computer vision guidance for the Mars Rover program, as a graduate student he developed computer vision targeting solutions for overhead FLIR images, generative AI technology, and developed AI-based face recognition technology, and facial analytic solutions. His master's in engineering combined Software Engineering with Machine Learning to control power systems. During his baccalaureate in Engineering focused on machine learning, fuzzy systems, and evolutionary and genetic algorithms.