



**Ioannis A. Kakadiaris**  
Hugh Roy and Lillie Cranz Cullen Distinguished University Professor  
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Professor Ioannis A. Kakadiaris, Ph.D., is a Hugh Roy and Lillie Cranz Cullen Distinguished University Professor of Computer Science at the University of Houston and directs the Computational Biomedicine Lab (CBL). He has a long and distinguished track record in biometrics, data / video analytics, and artificial intelligence. His team has made contributions in the areas of face and ear recognition, and profile-based face recognition. CBL's 3D-3D face recognition software ranked first in the 3D-shape section of the 2007 Face Recognition Vendor Test (FRVT) organized by NIST. CBL's Face Recognition algorithms using deep learning outperform the state-of-the-art face recognition methods in datasets with a non-frontal of poses, occlusions, and outdoor illumination. Finally, Kakadiaris proposed 3D-aided 2D Face Recognition - which created a new research field later called heterogenous or asymmetric face recognition – that for the first-time enabled matching 3D data with legacy 2D data.

In addition to twice winning the UH Computer Science Research Excellence Award, Ioannis has been recognized for his work with several distinguished honors, including the NSF Early Career Development Award, the Schlumberger Technical Foundation Award, the UH Enron Teaching Excellence Award, and the James Muller Vulnerable Plaque Young Investigator Prize. His research has been featured on Discovery Channel, National Public Radio, KPRC NBC News, KTRH ABC News, and KHOU CBS News.

Professor Kakadiaris served as the Founding PI and the Founding Director of the Borders, Trade, and Immigration Institute. As director of the BTI Institute, Ioannis oversaw multiple projects, undertaken by eighteen partners across eight states and the District of Columbia. This portfolio focuses on homeland security enterprise research, education, and workforce development by studying complex, multi-disciplinary issues related to flows of people, goods and data across borders.

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