## University of Notre Dame Biometrics Database Release Agreement ND Twins Face Recognition Test Set UND Principal Investigator: Dr. Kevin Bowyer

## Introduction

The goal of our biometrics research is to analyze the causes of differences in face recognition accuracy across demographic groups. The **ND Twins Face Recognition Test Set** contains 6,538 face images organized as 3,000 same-person image pairs and 3,000 different-person image pairs, where the different persons are a pair of identical twins. The University of Notre Dame du Lac (henceforth, "UND") owns copyright of the collection of biometric images and serves as the source for the UND Biometrics Database.

## **Release of the Database**

To advance the state-of-the-art in human recognition, the image dataset will be made available to researchers on a case-by-case basis. All requests for the ND Twins Face Recognition Test Set must be submitted in writing to the UND Principal Investigator at cvrl@nd.edu by the researcher's institution on behalf of the individual researcher or research unit (henceforth the "Licensee"). To the extent permitted by law, to receive a copy of the database, the Licensee must sign this document and agree to observe the restrictions listed below. In addition to other possible remedies, failure to observe these restrictions may result in revocation of permission to use the data as well as denial of access to additional databases distributed by UND. The database will be distributed over the Internet to licensees only. There will be no charge for data made available and downloaded via the Internet.

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1. **Redistribution:** Without prior approval from the UND Principal Investigator, the **ND Twins Face Recognition Test Set**, in whole or in part, will not be further distributed, published, copied, or disseminated in any way or form whatsoever, whether for profit or not. This includes further distributing, copying, or disseminating to a different facility or organizational unit of the Licensee.

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3. Requests for the Biometrics Database: All requests for the ND Twins Face Recognition Test Set will be forwarded to the UND Principal Investigator at the email address cvrl@nd.edu.

4. **Publication Requirements:** Licensees seeking to include renderings of more than ten images from the **ND Twins Face Recognition Test Set** in reports, papers, and other documents to be published or released must first obtain approval in writing from the UND Principal Investigator.

5. **Publications to UND:** A copy of all reports and papers that are for public or general release that use the **ND Twins Face Recognition Test Set** must be forwarded immediately upon release or publication to the UND Principal Investigator.

6. **Indemnification:** Licensee agrees to indemnify, defend, and hold harmless the University of Notre Dame du Lac and its Board of Trustees, officers, employees, and agents, individually and collectively, from any and all losses, expenses, damages, demands and/or claims based upon any injury or damage (real or alleged) related to, and shall pay all damages, claims, judgments or expenses resulting from, Licensee's use of the **ND Twins Face Recognition Test Set**.

7. All published works resulting from research or development employing this database will cite: "What is a Goldilocks Face Verification Test Set?", Haiyu Wu et al, <u>https://arxiv.org/pdf/2405.15965</u>.

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