



**COLLISION  
AND INJURY  
DYNAMICS**

149 Sheldon Street, El Segundo, CA 90245 • 310.414.0449 • [www.ci-dynamics.com](http://www.ci-dynamics.com)

**CHRISTOPHER H. ROMO, MSME**

[chromo@ci-dynamics.com](mailto:chromo@ci-dynamics.com)

**Education and Certification**

Master of Science in Mechanical Engineering (Biomechanics Emphasis)

- California State University Los Angeles; 2015

Certified XL Tribometrist No. 1312498; 2013

Bachelor of Science in Mechanical Engineering & Manufacturing Engineering

- California State University Los Angeles; 2012

Engineer-in-Training/FE No. 144525, California; 2012



**Training**

Society of Automotive Engineers

- Photogrammetry and Analysis of Digital Media; 2019
- Applying Automotive EDR Data to Traffic Crash Reconstruction; 2019
- Accessing and Interpreting Heavy Vehicle Event Data Recorders; 2017
- Reconstruction and Analysis of Rollover Crashes of Light Vehicles; 2016
- Injury, Anatomy, Biomechanics & Federal Regulation; 2013

Southwestern Association of Technical Accident Investigators, Inc.

- 2019 Winter Conference

Engineering Dynamics Corporation

- 2018 HVE Forum

Collision Safety Institute

- Crash Data Retrieval Data Analyst Training Series; 2017

PC-Crash

- Advanced Multibody Analysis; 2016
- Essentials & Expert Skills; 2012

Institute of Police Technology and Management

- Pedestrian/Bicycle Crash Investigation; 2015
- Advanced Traffic Crash Investigation; 2013

Northwestern University, Center of Public Safety

- Crash Data Recorder System Technician, Level 1 & 2; 2014
- Vehicle Dynamics; 2014

## Research

United States Department of Transportation, Federal Highway Administration, Office of Safety Research and Development

- Accident-Involved Motorcycle Helmet Analysis: Analysis and laboratory replication of damage on large scale motorcycle accident study of helmet damage; 2014 – 2017

## Professional Experience

- 2012 – Present      Collision and Injury Dynamics, Inc. (Staff Engineer)  
Support analysis, reconstruction, and presentation of results of vehicular accident cases. Assist Senior Consultants in conducting vehicle and scene inspections, documentation, and analysis of forensic data from accident vehicles and accident scenes, involving laser total station and 3D scanning operations, and computer simulation and trial preparation.
- 2014 – 2016      ACT Labs LLC (Helmet Test Technician)  
Conduct motorcycle helmet tests in accordance with DOT FMVSS 218 test standard. Conduct bicycle helmet tests in accordance with CPSC 16 CFR Part 1203 safety standard and ASTM protective headgear standards.
- 2011 – 2012      EcoCAR2 (Lead Thermal/Fluid Mechanics Engineer)  
Designed thermal management and fuel delivery systems for General Motors and Department of Energy sponsored hybrid vehicle
- 2011      American Honda Motor Co., Inc. (Intern)  
Developed maintenance and repair curriculum for technician training

## Organizations

American Society for Testing and Materials  
California State University Los Angeles Applied Injury Biomechanics  
Society of Automotive Engineers  
Society of Hispanic Professional Engineers Member  
Tau Beta Pi Engineering Honors Society Member

## Biographical Sketch

Mr. Romo was born in Santa Monica, CA in 1986 and moved to West Hills, CA in 1988. Mr. Romo has been an avid baseball player since he was 4 years old. He attended and played baseball at Chaminade College Preparatory, and continued playing at the collegiate level at Los Angeles Mission College and California State University East Bay. Mr. Romo used his collegiate baseball experience to support himself through college by training amateur baseball players ages 10 – 18; giving him a better understanding of how the body behaves under various conditions.

In 2011, Mr. Romo had the privilege to intern in the Professional Automotive Career Training department at American Honda Motor Co., Inc. While at Honda, Mr. Romo became a certified Honda Express Service Technician and developed some of the service manuals for Honda vehicles. He is also the first Honda intern to receive Honda's Challenging Spirit Award.

In 2012, Mr. Romo graduated from California State University Los Angeles with two Bachelor of Science degrees, Mechanical Engineering and Manufacturing Engineering. While at CSULA, Mr. Romo volunteered at the NSF funded Center of Energy and Sustainability as a combustion research assistant, and he was a



volunteer judge for MESA's annual high school competition at CSULA. He also participated in the EcoCAR2: Plugging into the Future program sponsored by General Motors and the Department of Energy. The program is a 3-year competition to convert a gasoline General Motors vehicle into a hybrid vehicle. Mr. Romo was the lead thermal management and fuel delivery system design engineer on the CSULA team. Through his academic excellence, Mr. Romo was invited to join the Tau Beta Pi engineering honors society, appeared on the university's Dean's List in 2005, 2010, and 2012, was a National S.M.A.R.T. grant recipient, and received the Student-Athlete Award from 2006 – 2010.

Effective January 2020

THIS COPY DOES NOT IMPLY RETENTION AGREEMENT

