



PROFILE

Stephen's professional endeavors are founded on a life dedicated to public service.

Throughout his varied careers, Stephen has studied everything from mosquitoes and disease biology to bloodstain patterns, bullet trajectories, and digging up clandestine graves.

Today—through innovative, collaborative communication and technology solutions—he works to foster better leadership in the forensics industry and to support and improve the lives of people diagnosed with Amyotrophic Lateral Sclerosis (ALS).

CONTACT

WEBSITE:
<https://www.StephenJLu.com>

EMAIL:
Hello@StephenJLu.com

VOLUNTEER WORK

Executive Director – A Lasting Strength (2021-Present)

Patient and Family Advisory Council Community Member
– University of California San Diego Health (2023-Present)

Endowment Committee – California Association of Criminalists (2023-Present)

LGBTQ+ Advisory Council Member – San Diego Sheriff's Department (2022-2024)

Regional Director South – California Association of Criminalists (2019-2020)

Web Development Team Lead – California Association of Criminalists (2018-2021)

TESTIMONY EXPERIENCE

Qualified Subjects: Forensic Biology, Forensic Firearms Analysis, Crime Scene Investigation and Reconstruction

Levels of Court: State (Arizona & California); Federal (U.S. District Court for the Central District of California)

Total Number: 32

LANGUAGES

American Sign Language (ASL), French, Mandarin:
Intermediate Proficiency

STEPHEN J. LU

UPDATED AUGUST 2024

EDUCATION AND CERTIFICATIONS

Executive Master of Business Administration with Honors

Quantic School of Business and Technology, April 2022 – July 2023
Specializations in Entrepreneurship and Strategy; Quantic Entrepreneurs

Bachelor of Science with Honors

University of Arizona, Biochemistry and Molecular and Cellular Biology, *magna cum laude*, May 2005
Phi Beta Kappa; Golden Key; Undergraduate Biology Research Program; Galileo Circle Scholar;
Biochemistry Ambassador; DaVinci Award

Society for Human Resource Management Certified Professional (SHRM-CP)

Issued January 2023

Federal Bureau of Investigation San Diego Citizens Academy

Class of 2023

FORENSIC CAREER HIGHLIGHTS

Forensic Leaders Training Center®: CEO & Executive Director

February 2022 – Present

FLTC provides affordable and comprehensive leadership development solutions and coaching to forensic practitioners.

San Diego County Sheriff's Department: Criminalist (Ret.)

January 2012 – January 2022

Forensic Firearms Examiner (2015-2022); Crime Scene Investigation: Trajectory Analysis, Bloodstain Pattern Analysis, Crime Scene Reconstruction (2013-2022); Crime Scene Response (2013-2019); Forensic DNA Analyst (2012-2015)

National Forensic Science Technology Center: Contract Technical Assessor/Trainer

2009–2015

Performed DNA laboratory audits around the United States as required, working as part of an audit team. Ensured that laboratory practices met the operating standards under the FBI Quality Assurance Standards for Forensic DNA Testing Laboratories.

Arizona Department of Public Safety: Criminalist

2007–2012

Central Regional Crime Laboratory, Phoenix: Forensic DNA Analyst (2007-2008)
Southern Regional Crime Laboratory, Tucson: Forensic DNA Analyst (2008-2012)

California Department of Justice: Criminalist

2005–2006

Jan Bashinski DNA Laboratory, Richmond: Database DNA Analyst

AWARDS AND PUBLICATIONS

Phi Beta Kappa – Member Induction, May 2005

Powell Impact and Sustainability Scholarship Award – Quantic School of Business and Technology, February 2022

Perseverance Award – California Association of Criminalists, July 2021

Director's Unit Citation – Arizona Department of Public Safety, January 2008

Team Award Proposition 69 – California Department of Justice, January 2006

Lu, Stephen J., James E. Pennington, April R. Stonehouse, Meta M. Mobula, and Michael A. Wells. "Reevaluation of the Role of Early Trypsin Activity in the Transcriptional Activation of the Late Trypsin Gene in the Mosquito *Aedes Aegypti*." *Insect Biochemistry and Molecular Biology* 36, no. 4 (2006): 336-343. <https://doi.org/10.1016/j.ibmb.2006.01.011>.

Lu, Stephen J. "The Cultural Context of Forensic Laboratories in California." *The CACNews*, Summer 2023, August 29, 2023. <https://www.cacnews.org/news/Summer23.pdf>.

Lu, Stephen J. and Olivia A. Mendoza. "On a Mission to Improve Leadership in Forensics" *Catalyst Magazine* (Tucson, AZ), December 18, 2023. https://issuu.com/uachembio/docs/catalyst_magazine_online_fall_2023.