

Claudia Ziegler Acemyan, Ph.D.

Post Hoc, LLC, 1964 West Gray, Suite 201, Houston, Texas 77019 | claudia@czacemyan.com | (713) 439-1241

EDUCATION

2014 Ph.D., Psychology, Human Factors and Human-computer Interaction, Rice University
2011 M.A., Architecture, University of California Los Angeles
2007 M.Arch., Rice University
2002 B.A., Psychology, University of Michigan

SELECT EXPERIENCE

Human Factors and Safety Consultant 2002 to Present
Post Hoc, LLC; Edward R. Ziegler, LLC

Human factors, human-computer interaction (HCI), human error, incident analysis, warnings and risk communication, risk perception, stop work authority, instructions and manuals, product/system/environment design, system usability, user-centered design, universal design, product/system/environment safety, system/environment evaluations using scientific methods, cognitive psychology, advanced statistics, human-system integration, user's mental models, medical human factors, maritime human factors, transportation human factors, application of industry practice and safety standards, safety hierarchy, OSHA, workplace safety (e.g., industry, oilfield, construction, pipelines), regulations, procedures, and legal case research, materials review, and reports

Adjunct Assistant Professor, Lecturer, Department of Psychological Sciences Overall 2011 to Present
Previously Research Scientist, Department of Psychological Sciences (2020); Director of Human Factors, Rice 360° Institute for Global Health (2019); Postdoctoral Research Fellow, Department of Psychology (2014-2018); and Graduate Researcher, Human Factors Research Lab (2011-2014)
Rice University

Human factors and human-computer interaction research, system/product design, user-centered design, system usability, trust, transportation human factors, human factors evaluations of products/systems/environments, medical human factors, measurement development, incident analysis, human error analysis, safety, human factors in complex systems and environments, advanced statistics, research methods, 20+ peer-reviewed publications, 25+ talks at conferences and universities

Senior Human Factors Engineer, Habitability Discipline Scientist, and Subject Matter Expert 2018 to 2019
KBRwyle at NASA Johnson Space Center

Crew risk reduction and safety; system, hardware, habitat, and environment evaluations; human factors, habitat/environment, and ergonomics research; and modifications and additions to NASA standards, guidelines, and requirements

Architectural Designer Various Years
Ace Design Studio LLC, Moore Ruble Yudell Architects, and Carlos Jimenez Studio

CERTIFICATIONS, PROFESSIONAL AFFILIATIONS AND SERVICE HIGHLIGHTS

Associate Safety Professional (ASP) Certification, Board of Certified Safety Professionals (2020 to present)
Human Factors and Ergonomics Society, Safety Session Chair, Ethics Task Force Member, and other service (2011 to present)
Society of Petroleum Engineers, Human Factors Technical Section Communications Chair and other service; Health, Safety, and Environment Technical Discipline Member (2019 to present)
Houston Chapter of Human Factors and Ergonomics Society, Elections Director, President, Program Director, and other service; recipient of the 2019 Clete Booher Annual Service Award (2011 to present)
Human Factors: Journal of the Human Factors and Ergonomics Society, Ad Hoc Reviewer, various years
Journal of Environmental Psychology, Ad Hoc Reviewer, various years

SAFETY TRAINING

Completed OSHA 30-Hour Course for General Industry, NASA Safety, and KBRwyle Safety Training