



## **SUMMARY OF QUALIFICATIONS**

As a project manager, Chiara guides the development of new ATC publications and facilitates the dissemination of existing ATC resources. Prior to joining ATC, Chiara spent six years as a consulting engineer, where her work included seismic retrofits, new construction, building alterations, and seismic protection of nonstructural components. Internationally, she has supported the development of seismic retrofit and new construction designs for masonry buildings in Nepal and Haiti. She participated in post-earthquake investigations following the 2014 South Napa and 2019 Albania earthquakes. In 2020, Chiara was named a Housner Fellow of the Earthquake Engineering Research Institute. She has served as a Director on the Board of the EERI Northern California Chapter, a Lead Instructor with Engineers Alliance of the Arts, and a member of the Editorial Board for the World Housing Encyclopedia. Chiara is licensed as a structural engineer and civil engineer in California.

## **PROFESSIONAL EXPERIENCE**

Applied Technology Council, Redwood City, California, 2020-present  
Associate Director of Projects – Responsible for project management, oversight, and quality control during the development of ATC projects and publications.

Estructure, Oakland, California, 2013-2018  
Project Engineer – Managed projects and provided structural design and analysis services for building renovations, seismic evaluations, retrofits, nonstructural anchorage, structural repairs, and new building design. Specialized in seismic design of nonstructural components in medical facilities.

Build Change, Kathmandu, Nepal & Port-au-Prince, Haiti, 2012, 2016-2017, 2019  
Engineering Volunteer - Developed engineering guidelines for pre-engineered retrofits and new construction of stone masonry buildings in Nepal. Developed a testing program to identify weaknesses in recommended concrete mix designs in Haiti.

## **EDUCATION AND TRAINING**

M.S., Civil Engineering                      University of California, Davis, 2013  
B.A., Architecture                              Barnard College, 2008

## **REGISTRATIONS**

California Structural Engineer, 2020, License No. 6890  
California Civil Engineer, 2015, License No. 84347  
California Safety Assessment Program, Registered Disaster Service Worker

## **AWARDS**

Earthquake Engineering Research Institute, Housner Fellowship, 2020  
Fulbright Scholarship (Kazakhstan), 2009

## **PROFESSIONAL AFFILIATIONS**

Earthquake Engineering Research Institute

Member, 2011-present;

Director on Board of Northern California Chapter, 2018-2019;

World Housing Encyclopedia Board Member, 2012-2014;

Graduate Intern, 2011

Engineers Alliance for the Arts

Lead Instructor, 2014-2018

Structural Engineers Association of Northern California

Member 2013-present