

EDUCATION AND TRAINING

- Sept 2019 – Now **Stanford University**
PhD Student in Structural Engineering (SEG)
 Assisted research on earthquake engineering (non-structural elements, soil-structure interaction). Relevant Coursework: Design of Steel Structures, Geotechnical Engineering, Introduction to Matlab, Nonlinear Structural Analysis, Introduction to Performance-Based Earthquake Engineering
- Aug 2017 – May 2019 **University of California, Berkeley**
Earned Master of Science in Structural Engineering, Mechanics and Materials (SEMM)
 Relevant Coursework: Seismic Design of Reinforced Concrete, Dynamics of Structures, Structural Analysis, Design of Timber Structures, Engineering Risk Analysis, Civil Engineering Materials, Earthquake-Resistant Design, Earthquake Protective Systems, Concrete Technology
 Full Scholarship: Fulbright and Zegna Scholarships
- May 2016 – Nov. 2016 **University of Washington (Seattle)**
Visiting Graduate Student (VISIT Program)
 Department of Civil and Environmental Engineering
 Research experience in the Structural Engineering area (Earthquake engineering)
 Assisted research on performance based design, base isolation, non-structural elements
- Oct. 2010 – April 2016 **University of Pavia, Faculty of Engineering** (<http://ingegneria.unipv.it/>)
Earned Bachelor and Master, Building Engineering and Architecture
 Final mark: 110/110 *cum Laude* (full marks with honors)
 Thesis: "Design of a seismic isolated primary school in Ancona"
 Supervisors: Prof. Alessandro Greco and Prof. Gian Michele Calvi
- Oct. 2010 – Oct. 2016 **Institute for Advanced Study (IUSS) of Pavia** (<http://www.iusspavia.it/>)
Earned Diploma, Class of Sciences and Technologies
 Admitted through national competition - Final mark: Excellent
 Thesis: "Towards a simplified method of predicting floor spectra in base isolated structures"
 Supervisors: Prof. Paolo Calvi and Prof. Gian Michele Calvi

PROFESSIONAL EXPERIENCE

- Spring 2019 (planned) **Stanford University**
Teaching Assistant, Earthquake Resistant Design and Construction
- July 2017 **Qualified as a Professional Engineer in Italy**
 2 written test, 1 practical test and an oral examination
- Febr. 2017 – July 2017 **EUCENTRE, Pavia**
European Centre for Training and Research in Earthquake Engineering
Researcher, Vulnerability and Territorial Management area
Completed project : assessment of bridges for Provincia di Pavia and improvements to its database
- Oct. 2011 – April 2016 **University of Pavia, Faculty of Engineering**
Teaching Assistant, Mathematical analysis 1 and 2, Rational Mechanics, Technical Physics
 - Tasks : meet classes on a weekly basis, select and explain exercises in order to prepare the students for their final examination, answer questions, clarify materials.
 - Teaching hours : more than 200 hours overall

SCHOLARSHIP AND AWARDS

Scholarships

- Ermenegildo Zegna Foundation scholarship (2019) – Stanford University
- Concrete Masonry Association of California and Nevada scholarship (2019)
- Fulbright scholarship (2017) – UC Berkeley
- Ermenegildo Zegna Foundation scholarship (2017) – UC Berkeley
- International House Scholarship, UC Berkeley (2017/18 – 2018/19)
- Collegio Nuovo and IUSS financial contribution for the internship at the University of Washington (2016)
- Annual IUSS scholarship (2010-2015)
- Annual ARCA scholarship (2010-2015)
- English language summer course scholarship by Malta Embassy (2015)
- University of Pavia and IUSS Erasmus scholarship - Germany (2014)
- Residential cost subsidy sponsored by the Lombardy Region (2011/12)

Awards

- AIFOS award for the Thesis "Design of a seismic isolated primary school in Ancona" (one of the best seven Italian thesis dealing with safety in schools)
- Selected as first Student Representative to deliver the inaugural speech of the 654th Academic Year of the University of Pavia (A.Y. 2014-2015)
- National finalist in Mathematical Games International Championship of the Bocconi University from 2004 to 2013
Best achieved results: 17th absolute and 2nd woman over 400 national finalists in 2007, 31th absolute and 2nd woman over 200 national finalists in 2011.

STUDENT REPRESENTATIVE EXPERIENCE

June 2014 – April 2016

University of Pavia

- Academic Senate
- Department of Civil and Architectural Engineering
- Teaching Committee of the Architectural Engineering Degree

Oct. 2012 – May 2014

Institute for Advanced Study (IUSS) of Pavia

- Academic Senate

PERSONAL SKILLS AND COMPETENCES

Languages

Italian (native), **English** (Fluent), **German** (Intermediate), **French** (Basic)

Certificates

English Test : IELTS overall band score 7.5 – October 2016
German Test : Zertifikat B2 (Goethe Institut) – October 2012

Computer skills

Mac OS-X and Windows operating systems
Word, Excel, PowerPoint, AutoCAD, CSI SAP2000, Seismosoft (Seismostruct and Seismosignal), Matlab, Photoshop, SketchUp, Revit

PROFESSIONAL MEMBERSHIP

Research Chair, ASCE (American Society of Civil Engineers) Stanford Student Chapter
Member, SWE (Society of Women Engineers) Stanford Chapter
Member of the Board of Directors, Alumni Association – IUSS Pavia
Member, Collegio Nuovo Alumnae Association – Pavia

SPORT AND LEISURE

Sport and leisure

Athletics and Soccer
Cross-country provincial champion cat. Allieve (2007)
1000m provincial champion (from 2006 to 2009)