

Virginia Grande

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Academic Qualifications

- 2014 - Bachelor's plus master's degree in Computer Engineering. Technical University of Madrid, Spain.
- 2013 - Courses in Computer Science. Focus on Human-Computer Interaction (HCI), as exchange student. Uppsala University, Sweden.

Relevant Work and Professional Experience

- *PhD candidate* at the Department of Information Technology (IT)
Sep 2016 - Present Uppsala University (UU), Sweden
Computing Education.
- *Visiting Professor* at the Computer and Information Science Department
Jan 2016 – May 2016 Gannon University, USA
Undergraduate and graduate level courses, in Programming, Software Engineering and Soft Skills (listed below).
- *Research Assistant* at the Department of IT
Jan 2015 - Dec 2015 Uppsala University (UU), Sweden
Projects in Computer Science Education and HCI (relevant listed below).
- *Teaching Assistant* at the Department of IT
March 2014 – Present Uppsala University, Sweden
Undergraduate and graduate level courses, on campus and online, in HCI, Programming, and Computing Education Research (listed below).
- *Consultant* for the design of the CEMUS website for Active Student Participation
Nov 2015 Uppsala University, Sweden
Advice on the distribution of the content, including a focus in universal design.
- *Review Panel member* of the International review panel on e-learning
December 2014 – February 2015 Uppsala University, Sweden
Evaluation of the current status of e-learning at UU and recommendations for the future. Invited by the e2014, the e-learning group at UU. Initiated and supported by the Vice Chancellor of UU.
- *Consultant* for the Renewal of the Human Computer Interaction online course
February 2014 – March 2014 Uppsala University, Sweden
Duties included: study and implementation of teaching and assessment

techniques used in Massive Open Online Courses (MOOCs), communication with students, course restructuring.

Relevant publications and projects

Virginia Grande (2015). *Perspectives on Volunteering for Initiatives for Women in Computing: a Case Study*. IEEE Frontiers in Education Conference 2015, Texas, USA.

Virginia Grande and Joachim Parrow (2015). *Motivation and Grade Gap Related to Gender in a Programming Course*. ITiCSE 2015, Vilnius, Lithuania.

Virginia Grande, Joachim Parrow and Dave Clarke (2015). *How do students in introduction to programming courses perceive the programming skills of male and female students?* Research project.

Tobias Wrigstad, Dave Clarke, Elias Castegren, Virginia Grande (spring 2015). *Enhancing Self-Regulated Learning Strategies through Achievement-Driven Learning*. Educational development project.

Collaboration with Al Baha University (Feb 2015). *Encouragement of female students to pursue postgraduate studies in computing*.

Virginia Grande (2014). *CollabWoW: A Tool for Democratic Decision Making in a Massively Multiplayer Online Game (MMOG)*. Technical University of Madrid, Spain (master thesis).

Teaching experience

At the Computer and Information Science Department at Gannon University:

- *507 Data Structures*, 3 credits, in English (Spring 2016)
- *512 Object-Oriented Modelling*, 3 credits, in English (Spring 2016)
- *514 Project Management and Requirements*, 3 credits, in English (Spring 2016)
- *302 Professional Seminar*, 1 credit, in English (Spring 2016)
- *303 Leadership Seminar*, 1 credit, in English (Spring 2016)

At the Department of Information Technology at Uppsala University:

- *Programming, Python and Java*, 10 ECTS, in Swedish (Autumn 2016)
- *Computing Education Research*, 10 ECTS, in English (Autumn 2015)
- *Programming, Python and Java*, 10 ECTS, in Swedish (Autumn 2015)
- *Computing Education Research*, 10 ECTS, in English (Autumn 2014)
- *Programming, Python and Java*, 10 ECTS, in Swedish (Autumn 2014)

- *Universal Design*, 10 ECTS, in English (Autumn 2014)
- *Human Computer Interaction*, online, 5 ECTS, in English (Spring 2014)

Latest Public Appearances and Events

- *Organizer, speaker, moderator* of the 3rd ACM Europe Chapters Workshop
August 2016 Prague, Czech Republic
- *Organizer, panelist* at Informática Para Tod@s (Informatics for All) ACM-W
Celebration of Women In Computing
July 2016 Valencia, Spain
- *Speaker* at Inspire 2015 UK ACM-W Celebration of Women in Computing
October 2015 London, UK
Speaker at the UK Celebration of Women in Computing, organized as a
kick-off event of the Association for Computing Machinery Women in
Computing (ACM-W) national organization.
- *Speaker* at Uppsala University's Pedagogical Conference
October 2015 Uppsala University, Sweden
Presentation and discussion on the topic of gender related grade gaps:
identification of problems and some successful approaches.
- *Organizer, moderator* of Panels on Gender and Computing
March 2015, May 2015 Uppsala University, Sweden
Organization and moderation of discussions related to advocating for women
in computing, with panelists doing research, development and/or volunteering
in the area.
- *Opening speaker* at ACM-W Women in Thessaloniki
May 2015 Thessaloniki, Greece
Speaker at the Celebration of Women in Computing organized as a
collaboration of several groups dedicated to this cause.
- *Speaker, poster presenter* at TUK (UU Science and Technology Pedagogical
Conference)
March 2015 Uppsala University, Sweden
Presentation and discussion on the topic of gender related grade gaps:
identification of problems and some successful approaches.
- *Panelist* at "Computer Science Education: Today's Challenges" panel
December 2014 BakuTel 2014, Baku, Azerbaijan

Presentation and discussion of the challenges related to women in computing and computer science. The Azerbaijani government supports this conference yearly and invites international speakers to take part in the event.

- *Speaker* at Seminars on Massive Open Online Courses (MOOCs)
 - Presentation at ABU3QCE 2015 (Feb 2015, Saudi Arabia)
 - Seminar for the faculty at Uppsala University (Nov 2014, Sweden)
 - Seminar for the faculty of the Department of IT at UU (Nov 2013, Sweden)
- *Organizer, speaker, moderator* of the 2nd ACM Europe Chapters Workshop
September 2014 Athens, Greece
- *Volunteer* at ITiCSE 2014, Computer Science Education Research conference
June 2014 Uppsala, Sweden

Leadership and management experience

- *Chair* of the ACM-W Europe working group on Celebrations of Women in Computing
2016 – Present ACM, USA
Duties included: communicating with conference chairs across Europe, supporting events, creating and implementing a plan for expansion.
- *PhD students representative* at the Gender Equality Group of the Department of IT
2016 - Present Uppsala University, Sweden
- *Conference Chair* of womENCourage 2015 Celebration of Women in Computing
2014 – 2015 Association for Computing Machinery (ACM), USA
European-wide event (200 attendees) with professionals and students discussing gender and computing and research in the area.
- *Project leader* at the ACM-W Chapters Committee
2014 – Present ACM, USA
Duties included: foster collaboration between local groups distributed worldwide, advocating for women in computing.
- *Communications and Mentoring Leader* at the ACM Council of European Chapter Leaders
2012 – 2016 ACM, USA
Duties included: communicating with European Chapter Leaders, organizing events, problem solving for issues related to European Chapters.
- *Collaborator* at the Gender Equality Group of the Department of IT
2014 - 2015 Uppsala University, Sweden

- *Co-founding member* at the Uppsala University ACM-W Student Chapter Uppsala University, Sweden
2013 – 2015 Uppsala University, Sweden
Duties included: collaboration with the Gender Equity Group at the Department of IT, member and collaborator recruiting, coordination of activities and programs.
- *Chair, Vice Chair, Communications Officer* at the Technical University of Madrid ACM Student Chapter
2009 – 2012 Technical University of Madrid, Spain
Duties included: leadership and representation, activity and member coordination, organization of events.

Relevant Professional Development

2015 - Workshop on Writing of Cases for Teaching by Cases, UU, Sweden.
 2012 - Computer Science Education Research, UU, Sweden. Highest grade.
 2009 - Mentors Training: Team Management and Communications Skills, Technical University of Madrid, Spain. Highest grade (with honors).

Program Committee, supervision, and related experience

2016 - Program Committee Chair at Informática Para Tod@s (Informatics for All) ACM-W Celebration of Women In Computing
 2015 - Conference Co-Chair of ACM-W Europe womENCourage Celebration of Women in Computing
 2015 - Paper session chair at IEEE Frontiers in Education 2015 (2 sessions)
 2015 - Reviewer for SIGCSE 2015, conference in Computing Education (paper and workshops)
 2015 - Master thesis supervision, Uppsala University. *Special Interest Communities: Design for Online Growth*.
 2015 - Reviewer for the Imperial College Computing Student Workshop 2015 (paper)

Languages

English: Fluent
 Spanish: Native
 Swedish: Beginner

Awards and scholarships

- ACM-W Europe Travel Grant

2014 ACM, USA

One of the 55 travel grant recipients for womENCourage 2014.

- ACM-W Scholarship Award

2013 ACM, USA

One of the 10 travel grant recipients (2013). Used to attend CHI2013.

- Best HTC Campus Ambassador Team

2013 HTC and The Tomorrow Talks, Austria

Awarded Best HTC Campus Ambassador from the 5 participating countries.