

Lucile DUPUY

PhD Student in Cognitive Sciences,
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RESEARCH INTERESTS

My PhD focuses on helping healthy older adults living autonomously at home thanks to an assistive platform. This platform was created following a user-centered design, to fulfill the needs of elder users and their caregivers. Eventually, we want to highlight possible benefits induced by the deployment of such a technology, in terms of autonomy, cognition, health and well-being. Furthermore, acceptance and usability of the platform are also assessed all along the 9-month deployment at home.

EDUCATION

- Since Oct. 2013** **PhD student in Cognitive Science**
Title: Conception and validation of an Assistive Platform for elder users at Home – HomeAssist Project
Supervisors: H el ene Sauz eon and Charles Consel
Phoenix Team, Inria Bordeaux Sud-Ouest – University of Bordeaux
- 2013-2011** **Master degree in Cognitive Science, major in Disability and New Technologies**
University of Bordeaux
With high honour (14.27/20)
- 2011-2008** **Bachelor degree in MASS (Mathematics Applied to Social Sciences), major in Cognitive Sciences,**
University of Bordeaux
- 2008** **Scientific Baccalaureate (speciality Physics-Chemistry)**
Camille-Jullian high school (Bordeaux)
With high honour (14.34/20)

RESEARCH INTERSHIPS

- Feb. 2013** « **Need analysis for Assistive Technology for Aging in Place – HomeAssist Project** »
Jun. 2013 *Supervisors:* H el ene Sauz eon and Jacques Daniel
Phoenix Team, Inria Bordeaux Sud-Ouest
- Apr. 2012** « **Aging effect on hippocampic and striatal memory in mice** »
Jun. 2012 *Supervisor:* Nicole Mons
INCIA, CNRS UMR 5287

PUBLICATIONS

Conference papers

Dupuy, L.; Sauzéon, H.; Consel, C.; **Perceived Needs for Assistive Technologies in Older Adults and their Caregivers**, *ACM WomENCourage'15* Sept 2015, Uppsala, Sweden (accepted)

Caroux, L.; Consel, C.; Dupuy, L.; Sauzéon, H.; **Verification of Daily Activities of Older Adults: A simple, Non-Intrusive, Low-Cost Approach**, *ASSETS - The 16th International ACM SIGACCESS Conference on Computers and Accessibility*, Oct 2014, Rochester, NY, United States. Proceedings of the 16th international ACM SIGACCESS conference on Computers & accessibility, pp.43-50, 2014

Dupuy, L.; Consel, C.; N'Kaoua, B.; Dehail, P.; Sauzéon, H.; **The role of cognitive functioning on everyday functioning among oldest old physically frail**, *Journées d'Etude du Vieillissement*, Sept 2014, Caen, France

SCIENTIFIC ACTIVITIES

Teaching	2014-2015 – Cognitive Sciences Masters, 1st year, University of Bordeaux – « <i>Applied Cognition</i> » (12h) and « <i>Disability and New Technologies</i> » (6h) 2014-2015 – Occupational Therapist School, 2 nd and 3rd year, University Hospital of Bordeaux – « <i>Review Methodology for gerontechnologies</i> » (2h), « <i>Assistive Technology for Aging in Place – HomeAssist</i> » (8h) and « <i>Technology Acceptance Models</i> » (2h)
Scientific Mediation	2013 – Participation to the « Fête de la Science » (French Science Festival), Inria Bordeaux Sud-Ouest 2013 – Organisation of a french Workshop « Cognitive Disability and Assistive Technology », Inria Bordeaux Sud-Ouest
Administration	Since 2014 – Member of the PhD student committee of my Doctoral School, PhD students' representant

SKILLS

Intervention on the field	Supporting deployment of a platform at the home of 24 elders. Conducting learning sessions; assess users' aptitudes and abilities thanks to batteries of tests and questionnaires. Supporting conception and maintenance of the platform.
Data Analysis	Good knowledge of SPSS Statistics software
Languages	French: Native Speaker English: Good (oral and written) skills Spanish: Good oral skills