

Rúben Gouveia

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My work has focused on **designing, developing** and **evaluating** tools that support health and wellbeing. I have been particularly interested in investigating how these tools are used in everyday life and how, in turn, they shape individuals' behaviors.

EDUCATION

- 2013-2019 **PhD, Computer Science and Engineering (specialization in Human-Computer Interaction)**, University of Madeira
Areas: HCI, Ubicomp, Persuasive Computing, Health Informatics
Advisor: Ass. Prof. Evangelos Karapanos
PhD thesis: Tracking in the wild: Understanding User Engagement with Physical Activity Trackers
- 2009-2011 **MS, Computer Science and Engineering**, University of Madeira
Areas: HCI, e-Learning.
MS Thesis: eGuided: Sharing Media in Academic and Social Networks Based on Peer Assisted Learning e-Portfolios
- 2006-2009 **BS, Computer Science and Engineering**, University of Madeira

GRANTS

- 2015 Visiting Researcher Grant, University of Washington. Grant awarded by the Portuguese Foundation for Science and Technology (FCT), ~€5,000
- 2013 National PhD studentship awarded by the Portuguese Foundation for Science and Technology (FCT), ~€60,000

AWARDS

- 2018 Finalist - [UbiComp Gaetano Borriello Outstanding Student Award](#)
Award given to a student who has made outstanding research contributions and leadership to the field of Ubiquitous and Pervasive Computing.
- 2015 UbiComp2015 Best Paper Honorable Mention for: How do we engage with activity trackers?: a longitudinal study of Habito

PROFESSIONAL EXPERIENCE

- Fall 2019-present **Assistant Professor**, University of Twente.
Department of Design, Production and Management.
- 2018-2019 **Senior researcher**, Offenburg University of Applied Science
under the scope of *SUITCEYES*, a European funded H2020 project, aimed at developing assistive technology for individuals with deaf blindness.
- Fall 2017-2018 **Research Visitor**, Cyprus University of Technology
- Summer 2015 **Research Visitor**, University of Washington
- 2012-2013 **Research Assistant**, Madeira Interactive Technologies Institute
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**CONFERENCE
PUBLICATIONS**
(peer- reviewed)

- 2018 **Gouveia, R.**, Karapanos, E., & Hassenzahl, M. "Activity Tracking in vivo" Proceedings of *CHI 2018*. [Acceptance Rate: 23% (666/2590)].
- 2016 **Gouveia, R.**, Pereira, F., Karapanos, E., Munson, S. & Hassenzahl, M. "Exploring the design space of glanceable feedback for physical activity trackers". Proceedings of *Ubicomp 2016*. [Acceptance Rate: 26% (101/389)].
- 2015 **Gouveia, R.**, Karapanos, E., & Hassenzahl, M. "How do we engage with activity trackers?: a longitudinal study of Habito". **Best Paper Honorable Mention (top 5%)** Proceedings of *Ubicomp 2015*. [Acceptance Rate: 26% (101/394)].
- 2014 Belim, V., Lyra, O., Teixeira, P., Caraban, A., Ferreira, M., **Gouveia R.**, Lucero, A. & Karapanos, E. "Beyond gamification: sociometric technologies that encourage reflection before behavior change". Proceedings of *ACE 2014*. [Acceptance Rate: 40% (196/368)].
- 2013 **Gouveia, R.** & Karapanos, E. "Footprint tracker: supporting diary studies with lifelogging". Proceedings of *CHI 2013*. [Acceptance Rate: 20% (392/1963)].
- Lyra, O., Karapanos, E., **Gouveia, R.**, Barreto, M., Nisi, V., Nunes, N., Zimmerman, J., & Forlizzi, J. "Towards persuasive sociometric technologies for inclusive educational settings". Proceedings of *CHIItaly 2013*. [Acceptance Rate: 49% (29/59)].
- Lyra, O., Karapanos, E., **Gouveia, R.**, Nisi, V., & Nunes, N. "Engaging children in longitudinal behavioral studies through playful technologies". Proceedings of *IDC 2013*. [Acceptance Rate: 33% (28/86)].

**JOURNAL
PUBLICATIONS**
(peer- reviewed)

- 2016 Karapanos, E., **Gouveia, R.**, Hassenzahl, M. & Forlizzi, J. "Wellbeing in the Making: Peoples' Experiences with Wearable Activity Trackers". *Psychology of Well-Being*.
- Karapanos, E., Teixeira, P. & **Gouveia, R.**, "Need fulfillment and experiences on social media: A case on Facebook and WhatsApp". *Computers in Human Behavior*. [Impact Factor (Nov, 2018): 3.44].
- 2010 Sampaio, P., Teixeira, J., Camacho, M., & **Gouveia, R.**, "Blended Peer-Assisted Learning Platform: Improving Learning Outcomes with a Collaborative Environment". *Journal of Educational Technology Systems*

**WORKSHOP
PUBLICATIONS,
EXTENDED
ABSTRACTS**
(peer- reviewed)

- 2016 Neves, D., Costa, D., Oliveira, M., Jardim, R., **Gouveia, R.**, & Karapanos, E. "Motivating Healthy Water Intake through Prompting, Historical Information, and Implicit Feedback". *Persuasive 2016*

- 2015 **Gouveia, R.**, Pereira, F., Caraban, A., Munson, S., & Karapanos, E. "You have 5 seconds: designing glanceable feedback for physical activity trackers". *UbiComp 2015*
- Ornelas, T., Caraban, A., **Gouveia, R.**, & Karapanos, E. "CrowdWalk: leveraging the wisdom of the crowd to inspire walking activities". *UbiComp 2015*
- Caraban, A., Ferreira, M., **Gouveia, R.**, & Karapanos, E. "Social toothbrush: fostering family nudging around tooth brushing habits". *UbiComp 2015*
- 2013 Gouveia, E., Azevedo, F., Ferreira, L., Caldeira, P., Almeida, V., **Gouveia, R.**, & Karapanos, E. "Look what i found!: augmenting phone calls with memories of the past". *CHI 2013*
- 2012 **Gouveia, R.**, Niforatos, E., & Karapanos, E. "Footprint Tracker: reviewing lifelogs and reconstructing daily experiences". *DIS 2012*
- Rodrigues, J., **Gouveia, R.**, Lyra, O., & Karapanos, E. "Sense me: Supporting awareness in parent-child relationships through mobile sensing". *DIS 2012*

**PROFESSIONAL
ACTIVITIES/
SERVICES**

- Conference Committees Designing Interactive Systems (DIS 2020). Provocations and Work in Progress Chair. International Conference on Healthcare Informatics (ICHI 2020). Poster and Demonstration Chair.
- Pervasive Health 2020. Program Committee.
- Reviewer CHI'15,'16,'17,'18, UbiComp'16,'17, ICHI'19
- Student Volunteer ACE'14
- Workshop Organization New frontiers of quantified self 3: Exploring understudied categories of users. *UbiComp 2017*.
- New frontiers of quantified self 2: going beyond numbers. *UbiComp 2016*.
- University Services Academic Senate Member, University of Madeira (2013-2016)
- Board Member Student Association, University of Madeira (2013-2017)

**TEACHING
EXPERIENCE**

- Lecturer Designing for Experience: Spring 2020
- Designing for Behavior Change: Spring 2020
- Tutor Design for Specific Users: Spring 2020
- Product Ideation: Winter 2019
- Human Product Relations: Fall 2019
- Teaching Assistant Data and Algorithm Structures: Spring 2015, Spring 2016.
- University of Madeira

**STUDENT
ADVISING AND
MENTORSHIP**

- Master in CS,
University of
Madeira Context-aware goal-setting for physical activity trackers. (2017) Fábio Pereira

Playful nudging mechanisms for increasing physical activity levels of adults. (2017) Vitor Teixeira

Leveraging the wisdom of the crowd in the creation of location-aware physical activity goals. (2017) Tiago Ornelas

A uses and gratifications study of physical activity trackers. (2017) Marco Leão

Walk 'n Ride: Motivating the use of public transport through just-in-time recommendations. (2016) Sérgio Barros

Need Fulfillment and Experiences on Social Media: A case on Facebook and WhatsApp. (2016) Pedro Teixeira

SenseMe: Supporting awareness in parent-child relationships through mobile sensing, (2015) José Rodrigues