- teaching and learning referents through videocases," Research in Science Education, vol. 29, no. 3, pp. 331–352, 1999.
- [30] M. David, "Exogenous, endogenous, and dialectical constructivism," Developmental Review, vol. 2, no. 4, pp. 371–384, 1982. [31] J. L. Bencze and G. M. Bowen, "Student-teachers' dialectically developed motivation for promoting student-led science projects," no. November 2006, pp. 133–159, 2007.
- [32] L. J. Moniz and L. Barros, Psicologia da doença para ciudados de saúde: desenvolvimento e intervenção [; guia metodológico dirigido a psicólogos, médicos, enfermeiros e outros técnicos de saúde. Lisboa: ASA, 2005. [33] P. A. Kirschner, J. Sweller, and R. E. Clark, "Why minimal guidance during instruction does not work: An analysis of the failure of constructivist, discovery, problem-based, experiential, and inquiry-based teaching," Educational Psychologist, vol. 41, no. 2, pp. 75–86, 2006.
- [34] N. Boddy, K. Watson, P. Aubusson, S. Education, and K. A. Publishers, "A trial of the Five Es: A referent model for constructivist teaching and learning," Research in Science Education, vol. 33, no. 1, pp. 27–42, 2003.
- [35] L. D. Newton and D. P. Newton, "What Teachers See as Creative Incidents in Elementary Science Lessons," International Journal of Science Education, vol. 32, no. 15, pp. 1989–2005, Oct. 2009. [36] P. R. Givens, "Identifying and Encouraging Creative Processes: The Characteristics of the Creative Individual and the Environment That Fosters Them," The Journal of Higher Education, vol. 33, no. 6, pp. 295–301 CR Copyright © 1962 Ohio State Uni, Jun. 1962.
- [37] B. Ronald A and R. a. Beghetto, "Does creativity have a place in classroom discussions? Prospective teachers' response preferences," Thinking Skills and Creativity, vol. 2, no. 1, pp. 1–9, Apr. 2007. [38] M. Ebbers and P. Rowell, "Shaping school science: competing discourses in an inquiry-based elementary program," International Journal of Science Education, vol. 26, no. 8, pp. 915–934, Jun. 2004. [39] R. Pintó and R. Pint, "Introducing curriculum innovations in science: Identifying teachers' transformations and the design of related teacher education," Science Education, vol. 89, no. 1, pp. 1–12, Jan. 2005.
- [40] DPS, "Discover primary Science," Discover Primary Science & Maths Teachers resources, 2012. [Online]. http://www.primaryscience.ie/teachers introduction.php.
- [41] E. Abrams, S. A. Southerland, and P. C. Silva, Inquiry in the classroom: realities and opportunities. Charlotte, N.C.: IAP, 2008. [42] K. S. Davis, "'Change is hard': What science teachers are telling us about reform and teacher learning of innovative practices," Science Education, vol. 87, no. 1, pp. 3–30, Jan. 2003.

[43] J. H. William S. Harwood Christine Lother, W. S. Harwood, J. Hansen, and C. Lotter, "Measuring Teacher Beliefs About Inquiry: The Development of a Blended Qualitative/Quantitative Instrument," Journal of Science Education and Technology, vol. 15, no. 1, pp. 69–79, Mar. 2006.