

## **Britt Jakobson**

### **1. Peer-reviewed journal articles**

Axelsson, M., & Jakobson, B. (2010). Yngre andraspråkselevs meningsskapande i naturvetenskap genom tre analysverktyg. *Nordand. Nordisk tidskrift för andresprågsforskning*, 5, 9-33.

Jakobson, B. & Axelsson, M. (2012). "Beating about the bush" on the how and why in elementary school science. *Education Inquiry*, 3, 495-511.

Jakobson, B. & Wickman, P-O. (accepted for publication). What difference does art make in science? A comparative study of elementary school children. *Interchange*.

Jakobson, B. & Wickman, P-O. (2008). The roles of aesthetic experience in elementary school science. *Research in Science Education*, 38, 45–65.

Jakobson, B. & Wickman, P-O. (2008). Art in science class vs science in art class: A study in elementary school. *Education & Didactique*, 2, 141–157.

Jakobson, B. & Wickman, P-O. (2007). Transformation through language use: Children's spontaneous metaphors in elementary school science. *Science & Education*, 16, 267–289.

Lundin, M., & Jakobson, B. (in press). Situated meaning-making of the human body – a study of elementary school children's reasons in two different activities. *Cultural Studies of Science Education*.

Wickman, P-O. & Jakobson, B. (2005). Den naturvetenskapliga undervisningens didaktik. *Utbildning och Demokrati. Tidskrift för didaktik och utbildningspolitik*, 14, 81–114.

### **2. Peer-reviewed conference papers**

Axelsson, M., & Jakobson, B. (2011). Learning language through science or learning science through language – what can three theories tell us? Paper presented at AILA 2011, The 16<sup>th</sup> world congress of applied linguistics, 23-28 august 2011, Beijing.

Axelsson, M., & Jakobson, B. (2009). Kunskap och språk – meningsskapande i naturvetenskap. Paper presented at Den 9. Nordiske andetsprogskonference, , June 2009, Helsingør.

Jakobson, B. & Wickman, P-O. (2006). Aesthetic distinction in science education. Paper presented at the University of Illinois, April 2006, Chicago.

Jakobson, B. & Wickman, P-O. (2006). Aesthetic distinction in science education. Paper presented at the National Association for Research in Science Teaching, April 2006, San Francisco.

Jakobson, B. & Wickman, P-O. (2005). Aesthetic distinction in primary science. Paper presented at European Science Education Research Association, ESERA, August 2005, Barcelona.

### **3. Monographs**

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### **4. Review articles, book chapters, books**

Jakobson, B. (2012). Estetik i NO-undervisningen. In H. Strömdahl & L. Tibell (eds) *Skola och naturvetenskap – politik, praktik, problematik i belysning av ämnesdidaktisk forskning*. 282-295. Lund: Studentlitteratur.

Jakobson, B. (2009). *Från begrepp till utforskande arbetssätt. Forskning om NO-undervisning i grundskolans tidigare år*. Stockholm: Utbildningsförvaltningen.

Jakobson, B. (2008). Learning science through aesthetic experience in elementary school. Aesthetic judgement, metaphor and art. Doctoral Dissertation in Science Education at Stockholm University, 2008.

Jakobson, B. (accepted for publication). Elevers egna metaforer I NO-undervisningen. In B. Jakobson, I. Lundegård & P-O. Wickman (eds.) *Lärande i handling*. Lund Studentlitteratur.

Jakobson, B. (accepted for publication). Estetikens roll som upplevelse och uttrycksform för elevers lärande i naturvetenskap. In B. Jakobson, I. Lundegård & P-O. Wickman (eds.) *Lärande i handling*. Lund Studentlitteratur.

Wickman, P-O. & Jakobson, B. (2009). Estetiska lärprocesser i naturvetenskap: Att behandla en förgiftning. In F. Lindstrand & S. Selander (eds.) *Estetiska lärprocesser*. 127-152. Lund: Studentlitteratur.

### **7. Popular science articles/presentations**

Jakobson, B. (2011). Estetik i NO-undervisningen. NO-biennalen, Luleå 2011.

Jakobson, B. (2011). Estetik i NO-undervisningen. NO-biennalen, Halmstad 2011.