

# ERAN BARAK MEDINA: C.V

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## PROFILE SUMMARY

- ✚ Consultant for educational strategy, change and innovation
- ✚ R&D expert in education
- ✚ Areas of expertise: AI in Education; Educational innovation & future; Inclusive and heterogenic education; Developing thinking skills and creativity; Developing student agency; Educational leadership and professional development of school principals; Assessment & evaluation.
- ✚ Organizational consultant and instructional designer

## EDUCATION

<b>PhD in Communication and Information Sciences</b> University of Paris-Saclay	<b>2017-2020</b>
<b>M.A in Experimental-Cognitive Psychology</b> Bar-Ilan University	<b>1998-2003</b>
<b>B.A in Psychology and Philosophy</b> Bar-Ilan University	<b>1991-1994</b>
<b>Graduate of Screenwriting</b> Sam Spiegel School for film and TV, Jerusalem, Israel	<b>2001-2003</b>

## EXPERIENCE

### **Director of Educational R&D Labs** **9/2016-present**

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*Israeli Ministry of Education, R&D section*

- Managing “R&D labs”, a multi-year process of developing innovative models for systemic educational needs: defining and researching the problem, engaging various stakeholders, collecting knowledge and data, designing models, implementing in schools, evaluating, writing and “packaging” the knowledge for wide-scale use.
- Director of the covid-19 long-distance learning lab (3/2020-present).
- Director of the AI in Education lab (6/2019-present).
- Director of the Future-oriented Pedagogy lab (2017-2019).
- Director of the Heterogeneity in Education lab (2016-2018).

**R&D Think Tank Leader****5/2019-present**

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*The Israeli Academy of Sciences and Humanities, The Educational Applicative Research Initiative*

- Leader of a think tank about Inclusion in Education.
- The think tank consists of academic researchers, policymakers and field professionals and aims at knowledge elicitation and creation to support policymaking in handling the challenge of Inclusion in the education system.
- Designing and facilitating the work process of the think tank, conceptualization and writing the final report.

**Educational Strategy & Change Consultant****2013-present**

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*Self-employed*

- Consulting city's educational systems in designing educational strategies and long-term plans.
- Guiding school change and implementation of innovative pedagogy in dozens of schools.
- Facilitating and mentoring directors of municipal education departments and school principals and in forming and implementing educational strategies.

**Head of R&D Team and Project Manager****2010-2013**

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*AVNEY ROSHA – the Israeli Institute for School Leadership*

- Developing knowledge, models, professional development programs and tools for school principles.
- Reviewing state-of-the-art knowledge about school leadership in support of R&D and policymaking.
- Managing and mentoring R&D teams and experts on different projects.

**Senior Policy Advisor and National Project Manager****2006-2009**

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*Israeli Ministry of Education, The Pedagogical Secretary*

- Consulting to the director of Pedagogical Affairs on designing national educational policy promoting thinking skills development.
- Designing and managing large-scale and national implementation projects of innovative pedagogy, school development and professional development programs.

**Change Management Consultant & Learning Processes Specialist**

**2004-present**

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*Self-employed*

- Consulting business organizations in change management, with a specialty in the implementation of strategic IT systems (such as ERP & CRM systems).
- Developing and facilitating hundreds of organizational learning processes: strategic thinking, leadership skills, debriefing, learning from experience, mentoring etc.
- Instructional designing – developing training courses, executive development programs, workshops.
- An expertise in designing training games, scenarios and simulations.

**Director of Training and Organizational Learning**

**2002-2004**

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*The Jewish agency*

- Setting organizational training policy for an international educational-social organization
- Developing, managing and facilitating executive training programs and organizational learning initiatives
- Mentoring training directors in the organization's subunits

**Head of Training Development in Operational Units**

**2000-2002**

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*Israeli Defense Forces, Land Corps Command, Training Department*

- Head of the army's officers' course instructional designing team
- Designing training programs for operational units
- Contributing to systemic processes (opening new training bases, setting training policies etc.)
- Military rank: Major

**Organizational-Military Psychologist**

**1995-2000**

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*Israeli Defense Forces, Behavioral Sciences Department*

- Consulting unit commanders on leadership, decision making
- Conducting surveys, organizational analysis and performance evaluation
- Leading organizational learning & development initiatives
- Facilitating team building & leadership skills workshops

## PUBLICATIONS

The following publications are mostly professional and the product of non-academic R&D processes. They were published on professional platforms, especially in the field of Education, and are written in Hebrew.

Barak-Medina, E. (2020). **Developing Student Agency**. Israeli Ministry of Education, R&D section. Israeli Ministry of Education publications.

Barak-Medina, E. (2020). **Inclusive Education: Effective Professional Development and Change Strategies**. HAYOZMA - The Educational Applicative Research Initiative, The Israeli Academy for Sciences and Humanities.

Barak-Medina, E. (2020). **Agile Schools: How to Strengthen School Adaptivity**. Israeli Ministry of Education, R&D section. Israeli Ministry of Education publications.

Barak-Medina, E. (2020). **Learning from Home: How to Increase Students' Participation and Involvement in Long-Distance Learning (Coronavirus time)**. A JDC (Jewish Global Humanitarian Organization) and Israeli Ministry of Education publication.

Barak-Medina, E. (2019). **Heterogenic Education: How to do Excellent Education in a Reality of Diversity**. Israeli Ministry of Education, R&D section. Israeli Ministry of Education publications.

Barak-Medina, E. (2018). **The Next Phase in Human Evolution**. (A three-part article describing state-of-the-art in human enhancement technologies and its future moral & social implications). HAYADAN popular science website.

Barak-Medina, E. (2017). **Personalized Education in an Heterogenous Context: A Pedagogical Approach**. In "Equals: Schools Supporting Equality", an AVNEY ROSHA Institute publication. P. 49-56.

Barak-Medina, E. (2014). **SCOPE – A Review of Richard Elmore's Internal Coherence Approach**. AVNEY ROSHA Institute, knowledge center website.

Barak-Medina, E. (2013). **Five Principles for Data-Based Management**. AVNEY ROSHA Institute, knowledge center website.

Barak-Medina, E., Benaya, Y. (2013). **Creating an Effective School Vision**. AVNEY ROSHA Institute, knowledge center website.

Barak-Medina, E., Avni, R., Ben-Arie, Y. (2012). **Developing the Mid-Level School Leadership**. AVNEY ROSHA Institute, knowledge center website.

Barak-Medina, E. (2008). **Pearls in the System: School Models and Strategies in Thinking Oriented Education**. Israeli Ministry of Education Publications.

## **CONFERENCE PRESENTATIONS**

“An Audition for Knowledge: The Basics of Microlearning for Training Professionals”, The Annual Training Conference, The College of Management Academic Studies, Rishon Le Zion, Israel, March 2018.

“One Teacher, Thirty Students: Heterogenic Education”, The Learning Sciences Conference, Tel Aviv University, Tel Aviv, Israel, January 2018.