



## **Harnessing emotions to deliberative argumentation in classroom discussions on historical issues in multi-cultural contexts**

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### **Abstract**

*This theoretical paper is about the role of emotions in historical reasoning in the context of classroom discussions. Peer deliberations around texts have become important practices in history education according to progressive pedagogies. However, in the context of issues involving emotions, such approaches may result in an obstacle for historical clairvoyance. The expression of strong emotions may bias the use of sources, compromise historical reasoning, and impede argumentative dialogue. Coping with emotions in the history classrooms is a new challenge in history education. In this paper, we suggest that rather than attempting to foster positive emotion only or to avoid emotions all together, we should look at ways of engaging with emotion in history teaching. We present examples of peer deliberations on charged historical topics according to three pedagogical approaches that address emotions in different ways. The protocols we present open numerous questions: (a) whether facilitating engagement with own and the other's emotions may lead to better processing of information and better deliberation of a historical question; (b) whether promoting national pride boosts reliance on collective narratives; and (c) whether adopting a critical teaching approach eliminates emotions and biases. Based on these examples and findings in social psychology, we bring forward working hypotheses according to which we suggest that instead of dodging emotional issues, teachers should harness emotions – not only positive but also negative ones, to critical and productive engagement in classroom activities.*

**Keywords:** teacher identity; knowledge building; inquiry learning; problem-centered pedagogy; technology

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## 1. Introduction: Positions towards the role of emotions in History learning

Emotions are responses to internal or external events with particular significance for the organism. They include verbal, physiological, behavioral, and neural mechanisms (Fox, 2008). Emotional experience involves the coordination and synchronization of bodily symptoms, action tendencies, and feelings, driven by appraisal processes (Scherer, 2005). Although the inclusion of cognitive appraisal (the evaluation of events and objects) in emotions is controversial, cognition is considered either as part of the emotion experience or as interacting with emotion. In his celebrated book, *Descartes' Error: Emotion, Reason, and the Human Brain*, neurologist António Damásio (1994) explains that emotions guide (or bias) behavior and posits that rationality requires emotional input. He argues that René Descartes' "error" was the dualist separation of mind and body, rationality and emotion. Researchers from other domains express comparable claims: For biologists Maturana and Varela (1987), cognition, language and mood or emotion are inextricable. For semiotician Radford (2015), all emotions and motivations are inherently social and culturally constructed, and do not necessarily obstruct thinking.

The question for the educationalist is then how to handle emotions when aiming to foster rational reasoning. This issue is particularly challenging in historical reasoning: since psychologists showed that strong emotions and loyalties hinder rational thinking in general (Bless & Fiedler, 2006), some researchers in History education suggest avoiding strong and negative emotions holding a sway over cognition (Foster, 2013). Moreover, politicians and decision makers are often adamant to avoid negative emotions in history classes for ideological reasons (Evans, Avery, & Pederson, 1999). In other words, although research has shown the intricate relations between rationality and emotion, many opt lessening bursts of strong emotions in history classes. Descartes comes in again through the backdoor.

In the present paper, we claim that handling and capitalizing on emotions as resources for learning is a major goal in history education in the 21<sup>st</sup> century. We focus on face-to-face deliberative argumentation about highly loaded historical issues, a context that exacerbates emotions in the case of History (Schwarz & Goldberg, 2013) and fosters reasoning and learning in general (Schwarz & Asterhan, 2010). We provide examples of teaching approaches designed to engage emotions in different ways and exemplify how these emotions affect deliberative discussions of historical topics in productive or counter-productive directions. We rely on these examples to articulate hypotheses on the beneficial and detrimental roles of emotions in deliberative historical argumentation.

### 1.1 "Don't get emotional now"

Historical research has long strove for impartiality, and even when presumptuous aspirations for objectivity were abandoned, emotionality and partisanship are still considered hindrances (Haskell, 1990). School history teaching, while attuned to various other goals besides promoting norms of academic historical practice, is also shifting to a growing extent to emphasizing rational disciplinary thinking and discourse (Barton, 2009; National Center for History in the Schools, 2010). In a survey of leading history education experts, only one of the ten intellectually challenging core practices of history teaching they recommend refers (tangentially) to learner emotions ("connect to personal/cultural experience"). Even then, the emphasis is on helping learners properly distance themselves from personal reaction and views (Fogo, 2014). Some educationalists are even more explicit: Foster's (2013) review of teaching controversial issues advises eschewing the highly emotive topics in favor of more distant events, in order to allow learners to better focus on disciplinary practices. Accordingly, the majority of teachers tend to avoid charged and emotive issues in history teaching (Levstik, 2000). Issues arousing strong (negative) emotions are often considered "taboo" and are formally or covertly sanctioned (Evans et al., 1999). Evasion is more frequent with topics that shed unpleasant light on learners' in-group, and may elicit collective shame or guilt which are aversive emotions (Helmsing, 2014; Wohl, Branscombe, & Klar, 2006). Indeed, historical issues bearing on identity are especially emotion intensive and the emotions they may raise are not solely positive (McCully, 2006).



Zembylas and Kambani (2012) claim the emotional risk and complexity of teaching controversial historical issues are especially threatening in societies divided by intergroup conflicts. Such a risk arises due to history's role in learners' identity formation, constructing a meta-narrative in which learners position themselves (Goldberg, Porat, & Schwarz, 2006). This may be the reason curriculum policy makers tend to restrict learners' encounter with out-group historical narratives (Bar-Tal, 2007; Goldberg & Gerwin, 2013; Hilton & Liu, 2008). Even educational initiatives designed to engage students with their nation's multicultural history such as Euroclio's initiatives for the new Post Soviet democracies, have been criticized for a tendency towards harmonization and towards the evasion from conflictual episodes (Maier, 2011).

History education experts claim learners should check personal inclinations and emotions lest they be prone to bias and "presentism" (Davis, Yeager, & Foster, 2001; Wineburg, Mosborg, & Porat, 2001). In the context of emotionally charged topics that are more salient in collective memory learners' evidence evaluation tended to be more biased (Goldberg, Schwarz, & Porat, 2008). When confronted with accounts of their nation's history that posed threat to their national pride, patriots demonstrated biased processing of historical information (Miron, Branscombe, & Biernat, 2010). Thus, emotions and issues arousing strong emotions seem to threaten "good" rational and disciplinary oriented learning. However, can identity and emotions be side tracked without losing essential aspects of history teaching?

Some educationalists harness emotions to history learning. For example, Zembylas and Kambani (2012) call for a focus on the emotional side of teaching (contested) history, to purposefully engage learners with discomforting emotions in reference to sensitive historical topics. For them, empathizing is a strategy to be practiced (Zembylas, 2004; Zembylas, 2013). Britzman (2000) refers to the importance of engaging with learners' emotions when teaching about historical collective trauma. None of the above researchers is interested in history teaching as an end in itself, though. Their educational aim concerns reconciliation between adversaries. In the *Learning Sciences*, there is now a general recognition of the importance of relating curriculum to learners' identity and community history and of engaging them in advocacy and social critique to boost motivation for learning (Thompson, 2014; Varelas, 2012). Barton and McCully (2010) stress that encountering conflicting historical perspectives through critical disciplinary inquiry may help students engage in an internally persuasive dialog about the past and achieve a tolerant and receptive identity. Instead of dodging the role of emotions and of identity, Gottlieb, Wineburg, and Zakai (2005) claim one should acknowledge identity influences on historical understanding, and accept the fact that individuals apply different critical standards to historical sources central and peripheral to group identity. Muller Mirza and colleagues (Muller Mirza et al., 2014) point to the importance of "secondarisation" of emotion, the process in which individuals reflect on their emotions and generalize them into more abstract concepts. Such a process is essential for handling contentious intercultural topics and for academic achievement. Bar-On and Adwan (2006) advocate structuring history teaching to help learners acknowledge their own and the other's emotions and collective identity. They assume this would help deliberating contentious issues of the past in a more productive and reasoned way and motivate engagement with it. However, the effects of affirmation of sentiments relating to national identification and collective narrative have not been explored so far.

We present here a study enabling a comparison between three approaches to history learning – disciplinary critical inquiry, mutual narrative acknowledgement and patriotic apologetic teaching, and by such we inquire about relation between emotion and learning in history. To do so, we focus on inter-group deliberative discussions (or deliberative argumentation) on a "hot" historical topic: Deliberative argumentation is a propitious context for learning (Schwarz & Asterhan, 2010); hot historical topics are *lieux de memoire* where identity and national identification (or national pride) are susceptible to emerge. Our working hypothesis is that emotion and identity do not constitute obstacles to deliberative discussions or disciplinary practice by themselves. To check our hypothesis, we compare examples of peer deliberations with different structuring of engagement with emotions. In the last part of the paper, we rely on these examples to articulate hypotheses on the role of emotions in deliberative argumentation.



## 1.2 Feeling and discussing the past: learners' deliberative discussions

Learners' emotions were addressed through three approaches to history teaching (for full details see Goldberg and Ron's (2014) description of procedure). The first is an *authoritative single-narrative approach* aligns with declared national history teaching goals such as acquiring factual knowledge of main events and enhancing students' commitment to the state and their collective identity (Israeli Ministry of Education, 2015). Instruction according to this approach was based on a textbook chapter written under direct governmental supervision to produce a clear account stressing the righteousness of Israel (Domke, Urbach, & Goldberg, 2009; Yaron, 2009). Teaching was an "initiation-recitation-evaluation" session with a Powerpoint presentation, directed at getting the "right answer" in a short quiz and instilling pride in one's nation. This conventional lower order thinking type of teaching appears to be very common in social studies classrooms (Saye & Social Studies Inquiry Research Collaborative (SSIRC), 2013) and aligns with Helmsing's examples of reasoning that does not challenge national pride (2014).

The second approach is *empathetic dual-narrative*. It aims at arousing feelings of empathy for the other and mutual affirmation of collective sentiments. Instruction was based on excerpts from a dual narrative history textbook created by Jewish and Palestinian teachers (Adwan & Bar-On, 2004; Bar-On & Adwan, 2006). Learners were driven to empathetic attention to the emotions and values of adversary narrators and reflection on the reactions they arouse. This practice aligns to some degree with the process of secundarisation, in which learners reflect on emotions and produce more generalized understanding of their social aspect (Mirza, Grossen, de Diesbach-Dolder, & Nicollin, 2014).

Finally, the *critical inquiry* approach aims at modelling disciplinary practice and developing critical thinking skills (Reisman, 2012). Instruction was based on the use of conflicting sources accompanied with information allowing inferences as to context, goal and bias of authors. Teachers coached students in sourcing and corroboration (Wineburg, 2001) and explicitly attempted to instil impartiality in the encounter with evidence (instructing them to read like a "Swedish" [i.e. neutral] historian). Table 1 succinctly summarizes the emotional emphases and practices of the three approaches.

Jewish and Arab Israeli students from diverse schools were randomly allocated to study the topic of the 1948 war ("war of independence") in one of the three approaches. Two weeks later, participants were paired by teaching approach into Jewish-Arab dyads; they engaged in deliberative discussion of the war and the causes of the Palestinian refugee problem, a topic bound to raise emotional reactions. All discussions were audiotaped and transcribed.

We marked all discussion episodes that included direct references to history or identity, or use of historical disciplinary practices (sourcing, contextualization, perspective taking, causal explanation) (Lee & Ashby, 2000; Wineburg, 2001). Two researchers coded ten of the sixty discussion, and arrived at 75% agreement. Differences were discussed and resolved. The rest of discussions were analyzed separately. We bring forth four episodes we deem representative of potential effects of teaching approaches on the relations of emotion and learning in history.



Table 1

*Teaching approaches, emotional emphases and practices*

<b>Approach</b>	<b>Emotional emphasis</b>	<b>Practices</b>
conventional authoritative	Instilling pride in one's nation getting the "right answer"	Presentation Textbook reading and summary. Exam
empathetic dual-narrative	Mutual affirmation Conflict resolution Empathy	Nonjudgmental listening to collective narratives. Identifying with emotions and values
Critical disciplinary inquiry	Induction into disciplinary practice Instill impartiality	Critical analysis of conflicting sources Synthesis of sources

Figure 1 shows a first protocol in the *critical-inquiry* condition. At the beginning of the discussion (not presented here), the Jewish participant devoted almost four times as many words to analysis and evaluation of the sources as his Arab peer (416 vs. 111 words). Could this stress on the analytical disciplinary approach come at the price of feeling attached to the collective and its history? The protocol shows that the Jewish discussant, who attempts an implicit distancing from Jewish identity ("Israeli is enough for me"), also expresses a disinterest in Jewish history ("it doesn't arouse interest in me...I did it for the exam...I don't care what I study"). By contrast, his peer declares herself a Palestinian Arab, and stresses her glorifying view of her people ("The Palestinians especially are very very very smart"). She also endorses emphatically learning the history of "My Arab country", by which she learns "very very wise things", and which she would "love others to study" it too. The contrast between the two learners suggests that some degree of identification and perhaps even glorification seems to motivate learning one's own national history. Furthermore, it seems that the Arab student who is more enthusiastic to learn about her own groups history also views learning the others' history more positively ("even when I study Jewish history...It's good, nice that I learn more"). Could the positive effect that feelings of pride and identification have on motivation to learn in-group history, be generalized to the out-group? Is there an essential relation between disidentification and emphasis on disciplinary practice? These questions are complex and do not seem to have general answers.



- A: We in school study history, Jewish history, the Jewish undergrounds and...but you don't study Arab history...why?
- J: because we live in one state...state defined with one nation, and which has one curriculum...
- A: I live in this country and define myself as Palestinian Arab, OK? You define yourself as Jewish, OK?
- J: Israeli
- A: Jewish Israeli
- J: Whatever...Israeli is good enough for me
- A: for you it is enough to study Jewish history, I define myself as Arab I will learn only the Arab...
- J: Call me narrow... but the fact I study something connected to me, supposedly connected to me, the truth is it doesn't, it doesn't arouse interest in me. I don't care which history. I did it for the exam.
- A: Not me. I, even when I study Jewish history...It's good, nice that I learn more and more. But I study Jewish history and I would love the others to study mine...
- J: I agree with you
- A: you know the Arabs, the Palestinians especially ... are very very very smart...So, I learn about my Arab country, I very very very study very wise things.
- J: first, I agree with you...I wouldn't mind studying another history...but personally, if you ask me, I don't care what history I would have studied.

*Figure 1.* An excerpt of a discussion in a critical-inquiry condition that suggests that national identification boosts the motivation to study own and others' national history.



Figure 2 shows an excerpt of a discussion between two discussants in the *Narrative empathetic condition*. They took the perspective of the other, and frequently expressed feelings.

- A: I have a question; if you were one of the great men in the country or in Israel, would do you think you would have done?
- J: Got it. I'd try to compromise on one decision
- A: Which is? Come on...
- J: Seems to me like the UN said- to split the land into two parts so there would be peace and they wouldn't fight...that's it...what do you think- what would you have done?
- A: Me too, I think may be we could have reached a peace agreement...
- ...
- J: Just a question right out of my head- how do you think the Palestinians felt after they were deported?
- A: Fear. No mother, no land, no one to turn to, that's how I imagine myself if I was in their place at the time...nothing to do, no power, no army, no leaders to supervise them or lead them, nothing but themselves going where the Arab states or UN tells them to go.
- J: No one to lead them.
- A: And that's scary, right.

*Figure 2.* Two discussants in the Narrative empathetic condition exemplify they took the perspective of the other, and frequently expressed feelings

It is noteworthy that both attune themselves to the suffering of the Palestinians, an orientation that apparently also facilitated a more collaborative atmosphere. Perspective taking is used for laying foundations for mutual trust, for discussing the possible (although to some degree counterfactual) decisions of leaders and for agreeing they would not fight as their predecessors had. The second part of Figure 2 shows another phase in which the Jewish discussant invites his Palestinian peer to relate to her and her peoples' feelings, with which he appears to empathize. Both cases of perspective taking show awareness of the difference and distance between the historical agents and the learners (as evinced by the use of the third person "them"), and of the action of perspective taking ("that's how I imagine myself if I was in their place at the time"). Emotion here is used as a venue into the disciplinary practice of perspective taking. It is a cognitive tool, directed at reconstructing the historical agents' consciousness. This approach also aligns to some degree with the movement between unicity and genericity, which drives forward the process of "secondarisation" in dealing with tense social phenomena (Muller Mirza et al., 2014).

It is worth comparing this discussion to a conversation in the *conventional-authoritative* condition. Figure 3 shows an Arab discussant responding in highly contentious and emotional manner to his Jewish peer's reconciliatory counterfactual speculation. Both discussants do not demarcate themselves from historical figures, but identify and "merge" with them through using first and second person plural, in what



seems like a clear expression of collective memory. Discussants do not refer to the text they studied, nor do they analyse critically the evidence it contained. They rely on religious or mythical backings rather than on historical ones, impeding further deliberation of the question. Thus, it is in the context of teaching aimed at conveying a clear undisputed narrative that learning is emotionally disrupted and the past is disputed with no reliance on the discipline of history. The Jewish discussant, who initially adopted a more rational and more collaborative perspective, feels forced to gradually adopt a confrontational model.

- J: That's what I think should have happened; we could get along, you know what, even two separate states, one state for two people and joint leadership and everything. No need to deport, you know...at most we could have asked for some more territory so it would be enough for two states.
- A: But you didn't! you deported and murdered
- J: And I'm saying, in my view there shouldn't have been deportation
- A: And you killed us and murdered us and stole and all this
- J: I didn't do it and I think
- A: You didn't do it but they did
- J: I think it was a mistake and it shouldn't have been done in no way...There were mistakes on both sides in the same way we fought over our state earlier, and you fought for your state. We both wanted something, basically the same. Each in his direction.
- A: OK. But you said you needed a state for the Jews, but why in Palestine?
- J: Because I said it, this place is sacred for me too, it is, like my granddad's granddad's granddad he had here, they found graves here, it's a place my ancestors lived in same as your ancestors...this place is important to us, also sacred for us too...I'm not a religious person and wouldn't go by the edicts of Judaism in most cases but in the same way a Palestinian thinks this place is sacred for the Palestinian people, it's a sacred place for the Jewish people.

Figure 3. Two discussants in the conventional-authoritative condition entertain a contentious interaction.

Let us exemplify now another discussion in the *critical-disciplinary* condition. Figure 4 shows an Arab discussant who demonstrates his feeling of loyalty to his community as mediated through the family. In spite of his declared impartiality ("you know, I don't distinguish between the texts") he points quite clearly to his being an Arab as the reason for his preference for Arab historian's excerpt. This preference is accompanied by what seems like a confirmation bias – the tendency to view evidence consistent with prior opinions as more reliable. The Jewish participant on the other hand shows far lower preference for in-group member's sources and finds his criticism of sources on the practices he studied in the preparatory session – sourcing and contextualization. We can see here how national identity can bias historical practices such as evidence evaluation. However, the critical inquiry approach encourages participants to reflect on their evaluation of evidence and expose their bias. It also seems that, at least for a member of the dominant ethnic group, the critical inquiry approach promotes a more balanced and impartial disciplinary practice.



- A: Our opinion, I, because I'm an Arab, you know, I don't distinguish between the texts, that of the Jew or the Arab, but because my parents lived through it, they were in the time of 1948, I give more credibility to the text of written by the Arab. I read there many things I already knew.
- J: Your parents told you similar things?
- A: Yeah...but what I read in the Jewish author's text was new, so that's why...
- J: OK. Personally, I too really believe the Arab author more.
- A: What?
- J: I too really believe the Arab author more because the Israeli author writes... from a role of propaganda kind of, and from within the ministry of foreign affairs and attempts to explain Israel to the world, so it's in his interest to be in favor of the Israeli side.

Figure 4. Two discussants in the critical-inquiry condition demonstrating identity motivated and disciplinary practice.

## 2. Discussion

This paper initiates a reflection on the effects of emotions on oral argumentation for highly charged historical topics. The three pedagogical approaches exemplified in the protocols modelled different ways students handled emotions. The *conventional authoritative single-narrative approach* instils pride in one's nation and appears to delegitimize doubt and perspective taking. The *empathetic dual-narrative* approach facilitates mutual affirmation and increases the use of historical perspective taking, though not the use of critical thinking. The *critical inquiry* approach draws learners to reflect and expose the relation of their identity and emotions to disciplinary practices, and to some degree helps overcome it. Our claims cannot count as conclusions but as working hypotheses for further research. Moreover, this paper outlined the implications of various theoretical and empirical perspectives on the role of emotions in historical reasoning, fleshing them with actual discussion excerpts. We set forth the working hypotheses that these implications suggest. Firstly, history teaching that legitimizes the complex emotions arising from encounter with out-group perspectives by promoting strategic empathy and reflection on emotion (McCully, 2006; Zembylas, 2013), appears to promote productive deliberative discussions. This is perhaps because it affords more chances for mutual gestures helping maintain dialogue or because discomforting emotions help participants take the perspective of historical agents in troubled times (Zembylas & McGlynn, 2012). Engagement with emotion according to this approach seems to foster a nuanced and conscious use of perspective taking, though not necessarily better handling of evidence. Secondly, a direct attempt to expose the relation of identity-related emotions to historical practices, helps develop learners' internally persuasive dialogue and reflection about evidence (Barton & McCully, 2010). This may promote critical thinking practices such as evidence evaluation. However, it does not insure curbing emotionally driven biases since evidence is used (perhaps with more restraint and awareness) in relation to identity needs and emotions (Goldberg, 2013; Gottlieb et al., 2005). Both these approaches promote a productive merging of emotion and cognition or reasoning (Mingers, 1991; Radford, 2015). By contrast, the conventional teaching approach, neither challenges nor acknowledges the role of collective emotion in learning (Barton, 2009). However, it appears



to enhance or unleash its (negative) effect, both on learning and on deliberative discussion (Bless & Fiedler, 2006; Hilton & Liu, 2008). This may hint that relating to emotions holds a promise for better processing of information or deliberation of a historical question.

In summary, the examples presented suggest that emotion and identity do not necessarily constitute obstacles to deliberative discussions or disciplinary practice by themselves, in line with Baker et al.'s (2013) ideas. However, students in each approach engaged their emotions and learning differently. It appears that instructional practices moderate and influence the relations of emotion and reasoning. Facilitating empathetic listening, nurturing national glorification, or attempting to hold emotion at bay, may each lead to a different way of arguing about the past. We currently undertake an experimental study that involves the systematic comparison of discussions as well as of learning outcomes in the three approaches. The analyses we undertake will hopefully confirm and sharpen our working hypotheses.

Meanwhile, we believe that it is possible to rely on the above examples to draw some tentative conclusions on the teaching of History. History was introduced as a core discipline in schools in the 19<sup>th</sup> century in order to bring students to believe that they belong to a nation and to foster national pride (Ferro, 2004). We alluded to the experts' emotions-free list of core teaching practices and skills that reflect a substantial shift to the adoption of the norms of History as a critical rational discipline (Fogo, 2014). This shift does not pay attention, though, to the emotions history nurtures, arouses and is motivated by. The cognitive practices of history are nested within, colored by and interact with emotion (Maturana & Varela, 1987) As collaborative learning and disciplinary oriented practices take the lead in history teaching, the role of emotions becomes ever more important.

The protocols we presented suggest that while simply fostering the glorification of the nation impedes historical deliberation, concurring teaching approaches that bring to the fore alternative narratives and engage with strong emotions may actually help handle such influences. Therefore, educators should not dodge emotions in their teaching but, on the contrary, should capitalize on them to boost historical reasoning. The first place for bringing forward these strong emotions is of course the discussion. This setting risks bringing to the surface strong emotions (like anger), leading to breakdowns. However, the preparatory practices of engagement with both in-group and out-group perspectives, acknowledging and evaluating emotional overtones, seem to tone down contentious reactions when engaging in argumentation across groups.

With appropriate framing and instruction, students develop their capacity to handle emotions in discussions (Muller Mirza et al., 2014). They speak with each other, and deliberating together the historical roots of their conflict, even if their discourse was sometimes biased. We suggest, then, that the core practices of history teaching should also include addressing common opinions held by the different stakeholders on the issue, relating to the emotional states of the different historical actors and to the emotional reactions, of the learners (Bar-On & Adwan, 2006) and facilitating small group discussions across groups by helping the handling of emotions. These additional practices may promote the role of history in helping learners become citizens engaged in productive deliberation of their contentious past and their shared present.

Furthermore, we believe that research on historical understanding and reasoning should change both its prescriptive and its analytic stance to the role of emotions. First, if we wish to address the complexity of goals and needs history education addresses in reality (and not in an idealized rational expert model), it would serve researchers well to give emotion a more central role and treat it without disdain (Barton, 2009). Second, instead of relating to emotions and loyalties anecdotally, as indications of diverse identities, biased cognition or novice practice, there should be much to gain in exploring it proactively. Methodologically this means tracking and documenting emotion, whether through self-report or other implicit and observational methods now accessible through emotions research (see Baker et al., 2013). Analytically, we should start looking at emotions as promoters, factors and even as desirable outcomes of learning in history (Goldberg, 2013). This does not mean, of course, that we should ignore the inhibiting role of emotions in some cases, and that we should eliminate from class activity a detached critical-disciplinary approach. Our message is



that emotions are precious resources for history education, but that teachers should learn when and how to capitalize on them.

## References

- Adwan, S., & Bar-On, D. (2004). Shared history project: A PRIME example of peace building under fire. *International Journal of Politics, Culture, and Society*, 17(3), 513-521.
- Baker, M. J., Andriessen, J. E., & Järvelä, S. (Eds.). (2013). *Affective learning together*. London: Routledge.
- Bar-On, D., & Adwan, S. (2006). The psychology of better dialogue between two separate but interdependent narratives. *Israeli and Palestinian Narratives of Conflict: History's Double Helix*, 205-224.
- Bar-Tal, D. (2007). Socio-psychological foundations of intractable conflicts. *American Behavioral Scientist*, 50(11), 1430-1453.
- Barton, K. C., & McCully, A. W. (2010). "You can form your own point of view": Internally persuasive discourse in Northern Ireland students' encounters with history. *Teachers College Record*, 112(1), 142-181.
- Barton, K. C. (2009). The denial of desire: How to make history education meaningless. In L. Symcox, & A. Wilshcut (Eds.), *National history standards: The problem of the canon and the future of teaching history* (pp. 265-282). Charlotte, NC: Information Age.
- Bless, H., & Fiedler, K. (2006). Mood and the regulation of information processing and behavior. In J. P. Forgas (Ed.), *Affect in social thinking and behavior* (pp. 65-84). New York: Psychology press.
- Britzman, D. P. (2000). If the story cannot end: Deferred action, ambivalence, and difficult knowledge. In R. Simon, S. Rosenberg & C. Eppert (Eds) *Between hope and despair: Pedagogy and the Remembrance of Historical Trauma*, (pp. 27-55). Lanham, MD: Rowan and Littlefield.
- Davis, O. L., Yeager, E. A., & Foster, S. J. (2001). *Historical empathy and perspective taking in the social studies*. Lanham, MD: Rowman & Littlefield.
- Domke, E., Urbach, C., & Goldberg, T. (2009). *Building a state in the Middle East* [Bonim medina baMizrach HaTichon]. Jerusalem, Israel: Zalman Shazar Center.
- Eid, N. (2010). The inner conflict: How Palestinian students in Israel react to the dual narrative approach concerning the events of 1948. *Journal of Educational Media, Memory, and Society*, 2(1), 55-77.
- Evans, R. W., Avery, P. G., & Pederson, P. V. (1999). Taboo topics: Cultural restraint on teaching social issues. *The Social Studies*, 90(5), 218-224.
- Ferro, M. (2004). *The use and abuse of history: Or how the past is taught to children*. London: Routledge.
- Fogo, B. (2014). Core practices for teaching history: The results of a Delphi panel survey. *Theory & Research in Social Education*, 42(2), 151-196.
- Fox, E. (2008). *Emotion science: Cognitive and neuroscientific approaches to understanding human emotions*. Hampshire, UK: Palgrave Macmillan.
- Goldberg, T., & Gerwin, D. (2013). *Israeli history curriculum and the conservative - liberal pendulum*. *International Journal of Historical Teaching, Learning and Research*, 11(2), 111-124.
- Goldberg, T. (2013). "It's in my veins": Identity and disciplinary practice in students' discussions of a historical issue. *Theory & Research in Social Education*, 41(1), 33-64.
- Goldberg, T., & Ron, Y. (2014). 'Look, each side says something different': The impact of competing history teaching approaches on Jewish and Arab adolescents' discussions of the Jewish-Arab conflict. *Journal of Peace Education*, 11(1), 1-29.
- Goldberg, T., Porat, D., & Schwarz, B. B. (2006). "Here started the rift we see today": Student and textbook narratives between official and counter memory. *Narrative Inquiry* 16(2), 319-347.
- Goldberg, T., Schwarz, B. B., & Porat, D. (2008). Living and dormant collective memories as contexts of history learning. *Learning and Instruction*, 18(3), 223-237.  
doi:<http://dx.doi.org/10.1016/j.learninstruc.2007.04.005>



- Gottlieb, E., Wineburg, S., & Zakai, S. (2005). When history matters: Epistemic switching in the interpretation of culturally charged texts. *Eleventh Biennial Meeting of the European Association of Learning and Instruction*,
- Haskell, T. L. (1990). Objectivity is not neutrality: Rhetoric vs. practice in Peter Novick's that noble dream. *History and Theory*, 29(2), 129-157.
- Helmsing, M. (2014). Virtuous subjects: A critical analysis of the affective substance of social studies education. *Theory and Research in Social Education*, 42(1), 127-140.
- Hilton, D. J., & Liu, J. H. (2008). Culture and intergroup relations: The role of social representations of history. In R. M. Sorrentino, & Y. Susumu (Eds.), *Handbook of motivation and cognition across cultures* (pp. 343-368). London, UK: Academic Press.
- Israeli Ministry of Education (2015). History curriculum for the Jewish secular public schools. Retrieved March 2016 from [http://cms.education.gov.il/EducationCMS/Units/Mazkirut\\_Pedagogit/History/TochnitLimudimvt/TaITashah.htm](http://cms.education.gov.il/EducationCMS/Units/Mazkirut_Pedagogit/History/TochnitLimudimvt/TaITashah.htm)
- Lee, P., & Ashby, R. (2000). Progression in historical understanding among students ages 7-14. In P. N. Stearns, P. Seixas & S. Wineburg (Eds.), *Knowing, teaching, and learning history: National and international perspectives* (pp. 199-222). New York, NY: New York University Press.
- Levstik, L. S. (2000). Articulating the silences: Teachers' and adolescents' conceptions of historical significance. In P. N. Stearns, P. Seixas & S. Wineburg (Eds.), *Knowing, teaching, and learning history: National and international perspectives* (pp. 284-305). New York, NY: New York University Press.
- Maier, R. (2011). How we lived together in Georgia in the 20th century- external evaluation EUROCLIO/MATRA project (2008—2011). Retrieved from [http://www.euroclio.eu/new/index.php/component/docman/doc\\_download/1080-how-we-lived-together-in-georgia-in-the-20th-century-external-review](http://www.euroclio.eu/new/index.php/component/docman/doc_download/1080-how-we-lived-together-in-georgia-in-the-20th-century-external-review)
- Maturana, H. R., & Varela, F. J. (1987). *The tree of knowledge: The biological roots of human understanding*. Boston: New Science Library/Shambhala Publications.
- McCully, A. (2006). Practitioner perceptions of their role in facilitating the handling of controversial issues in contested societies: A Northern Irish experience. *Educational Review*, 58(1), 51-65.
- Mingers, J. (1991). The cognitive theories of Maturana and Varela. *Systems Practice*, 4(4), 319-338.
- Miron, A. M., Branscombe, N. R., & Biernat, M. (2010). Motivated shifting of justice standards. *Personality & Social Psychology Bulletin*, 36(6), 768-779. doi:10.1177/0146167210370031
- Muller Mirza, N., Grossen, M., de Diesbach-Dolder, S., & Nicollin, L. (2014). Transforming personal experience and emotions through secondarisation in education for cultural diversity: An interplay between unicity and genericity. *Learning, Culture and Social Interaction*, 3(4), 263-273.
- National Center for History in the Schools. (2010). Historical issues. Retrieved from <http://www.nchs.ucla.edu/history-standards/historical-thinking-standards/5.-historical-issues>
- Radford, L. (2015). Of love, frustration, and mathematics: A cultural-historical approach to emotions in mathematics teaching and learning. In B. Pepin, & B. Roesken-Winter (Eds.), *From beliefs to dynamic affect systems in mathematics education* (pp. 25-49). New York: Springer.
- Reisman, A. (2012). Reading like a historian: A document-based history curriculum intervention in urban high schools. *Cognition and Instruction*, 30(1), 86-112.
- Saye, J., & Social Studies Inquiry Research Collaborative (SSIRC). (2013). Authentic pedagogy: Its presence in social studies classrooms and relationship to student performance on state-mandated tests. *Theory & Research in Social Education*, 41(1), 89-132.
- Schwarz, B. B., & Asterhan, C. S. (2010). Argumentation and reasoning. In K. Littleton, C. Wood & J. Kleine Staarman (Eds.), *International handbook of psychology in education* (pp. 137-176). London: Emerald Group Publishing.
- Schwarz, B. B., & Goldberg, T. (2013). “Look who’s talking”: Identity and emotions as resources to historical peer reasoning. In M. J. Baker, J. E. Andriessen & S. Järvelä (Eds.), *Affective learning together* (pp. 272-292). London: Routledge.



- Sorek, T. (2011). The quest for victory: Collective memory and national identification among the Arab-Palestinian citizens of Israel. *Sociology*, 45(3), 464-479.
- Thompson, J. (2014). Engaging girls' sociohistorical identities in science. *Journal of the Learning Sciences*, 23(3), 392-446.
- Varelas, M. (2012). *Identity construction and science education research: Learning, teaching, and being in multiple contexts*. Springer Science & Business Media.
- Wineburg, S. S. (2001). *Historical thinking and other unnatural acts: Charting the future of teaching the past* Temple University Press.
- Wineburg, S. S., Mosborg, S., & Porat, D. (2001). What can Forrest Gump tell us about students' historical understanding? *Social Education*, 65(1), 55-58.
- Wohl, M. J., Branscombe, N. R., & Klar, Y. (2006). Collective guilt: Emotional reactions when one's group has done wrong or been wronged. *European Review of Social Psychology*, 17(1), 1-37. doi:10.1080/10463280600574815
- Yaron, M. (2009). *History superintendent's Requested corrections to the textbook: Building a state in the Middle East*. [personal correspondence to author]
- Zembylas, M. (2004). Emotion metaphors and emotional labor in science teaching. *Science Education*, 88(3), 301-324.
- Zembylas, M. (2013). Critical pedagogy and emotion: Working through 'troubled knowledge' in posttraumatic contexts. *Critical Kambani Studies in Education*, 54(2), 176-189.
- Zembylas, M., & F. (2012). The teaching of controversial issues during elementary-level history instruction: Greek-Cypriot teachers' perceptions and emotions. *Theory & Research in Social Education*, 40(2), 107-133.
- Zembylas, M., & McGlynn, C. (2012). Discomforting pedagogies: Emotional tensions, ethical dilemmas and transformative possibilities. *British Educational Research Journal*, 38(1), 41-59.