



The Hebrew University of Jerusalem

Syllabus

FACIAL EXPRES: THEORY & RESEARCH - 51845

Last update 31-10-2016

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: psychology

Academic year: 0

Semester: 1st Semester

Teaching Languages: English

Campus: Mt. Scopus

Course/Module Coordinator: Hillel Aviezer

Coordinator Email: haviezer@mail.huji.ac.il

Coordinator Office Hours: Thu 18:00-19:00 by app only

Teaching Staff:

Dr. Hillel Aviezer

Course/Module description:

The course follows central debates in the field of emotion perception and expression while critically analyzing supporting evidence for the different camps.

Course/Module aims:

The overarching aims of the course are: 1) to analyze and describe classic debates in the field of emotion perception. 2) To evaluate and critically compare the methodologies currently available in emotion perception research while describing the strengths and limitations of each approach. 3) to describe and critically assess experimental designs in emotion perception while stressing the tradeoffs between ecological approaches and experimental control.

Learning outcomes - On successful completion of this module, students should be able to:

At the end of this course students will be able to identify key debates in the emotion perception literature. Students will also identify the strengths and weaknesses of the various methods in the emotion perception studies. Finally, students will be able to critically appraise prior research in this domain.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Frontal lectures - the instructor may decide to also incorporate the presentation of papers /materials by the students during the courses

Course/Module Content:

Broad topics to be covered in the course (note each topic may cover more than one lesson).

1)Evolutionary origins and adaptive function of facial expressions

2)Developmental patterns in facial expressions

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- 3) *Facial expression recognition: Models and mechanisms*
 - 4) *Neuroscience of emotional expressions*
 - 5) *Neuropsychology of emotion recognition*
 - 6) *Universality, innateness and cultural variability in emotional expressions*
 - 7) *The role of context in facial expression perception*
 - 8) *Deceit, concealment and micro-expressions*

Required Reading:

Broad topics and required readings to be covered in the course (note each topic may cover more than one lesson). Updates to the list may occur and will be notified in class by the teacher.

1) Evolutionary origins and adaptive function of facial expressions

Shariff, A. F., & Tracy, J. L. (2011). What Are Emotion Expressions For? Current directions in psychological science, 20(6), 395-399.

2) Developmental patterns in facial expressions

Widen, Sherri C. (2013). Children's Interpretation of Facial Expressions: The Long Path from Valence-Based to Specific Discrete Categories. Emotion Review, 5(1), 72-77.

3) Facial expression recognition: Models and mechanisms

Smith, M. L., Cottrell, G. W., Gosselin, F., & Schyns, P. G. (2005). Transmitting and decoding facial expressions. Psychological Science, 16(3), 184-189.

4) Neuroscience of emotional expressions

Adolphs, R. (2002). Neural systems for recognizing emotion. Current opinion in neurobiology, 12(2), 169-177.

5) Neuropsychology of emotion recognition

Pessoa, L., & Adolphs, R. (2010). Emotion processing and the amygdala: from a 'low road' to 'many roads' of evaluating biological significance. Nature Reviews Neuroscience, 11(11), 773-783.

6) Universality, innateness and cultural variability in emotional expressions

Matsumoto, D., Willingham, B., & Oltmanns, A. (2009). Sequential dynamics of culturally moderated facial expressions of emotion. *Psychological science*, 20(10), 1269-1274.

7) The role of context in facial expression perception

Carroll, J. M., & Russell, J. A. (1996). Do facial expressions signal specific emotions? Judging emotion from the face in context. *Journal of personality and social psychology*, 70(2), 205.

8) Deceit, concealment and micro-expressions

Bernstein, M. J., Young, S. G., Brown, C. M., Sacco, D. F., & Claypool, H. M. (2008). Adaptive responses to social exclusion social rejection improves detection of real and fake smiles. *Psychological Science*, 19(10), 981-983.

Additional Reading Material:

none

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

Course given in English