

## ATIVIDADES ACADÊMICAS – 2020 / 1

**OFERTA ESPECIAL**  
**(DISCIPLINAS DE**  
**30H E 15H)**

Area de concentração			
Linguística Teórica e Descritiva			
Título e subtítulo da disciplina. O título deve ser estabelecido conforme código das atividades acadêmicas do Poslin (página 2). O subtítulo consiste no tópico variável a ser ofertado.			Código
Seminário de Tópico Variável em Linguística Teórica e Descritiva. Voice quality and its applications to cultural studies			LIG958 D
Professor (a)			
Donna Erickson e Tommaso Raso			
Dia da semana	Horário	Carga horária (1 crédito= 15/ha)	Vagas
27,28,29 e 30/04/2020	regular (14h a 17:40h) [ X ] especial [ X ]	15h [ X ] 30h [ <input type="checkbox"/> ]	20
Tipo da disciplina		Período da disciplina (30 ou 15h)	
presencial [ X ] on-line [ <input type="checkbox"/> ] semi-presencial [ <input type="checkbox"/> ]			

Participação de convidado? (até 50% da carga horária, em forma de seminários)			
SIM [ X ] NÃO [ <input type="checkbox"/> ]			
Dados da participação e do participante			
nome [ Donna Erickson ]	instituição [ Haskins Laboratories, Yale University, New Haven, CT., USA; Kanazawa Medical University, Kanazawa, Japan ]	carga horária [ 15 ]	

Aceita candidaturas a vagas de isoladas?
SIM [ X ] NÃO [ <input type="checkbox"/> ]

Programa
Day 1: Our marvelous instrument for producing sounds; Focus on source-filter theory of speech production and anatomy of our speech instrument; How to change F0, intensity, duration, formants, voice quality, etc.
Day 2. Concatenating speech sounds. Focus on how we put syllables together in speech, speech rhythm, and prosodic units
Day 3. Daily life type communications with speech sounds. Focus on affective expression and emotion; how we use phonetic cues of F0, intensity, duration, formants, voice quality for communicating in various situations
Day 4: Cross-cultural studies. Focus on differences and similarities in expressions across different cultures

## Bibliografia Básica

A bibliografia será disponibilizada antes do curso

## Bibliografia Fundamental

## Primeiro dia

- Li, Y., Li, J., Akagi, M. (2018). Contributions of the glottal source and vocal tract cues to emotional vowel perception in the valence-arousal space. *JASA*, 144, 908 ; doi: 10.1121/1.5051323.
- Erickson, D., Li, Yongwei., Obert, K. and Masaato Akagi, M. (2019). Estimation of glottal source and vocal tract components of perceptions of valence and arousal due to changes in larynx height. *Acoustical Society of Japan, Spring Meeting*.
- Imagawa, H. ; Sakakibara, K. ; Tayama, N. ; Niimi, S.,(2003). The effect of the hypopharyngeal and supra-glottic shapes for the singing voice. *Proc. Stockholm Musical Acoustics Conf. 2003*, (II), 471-474.
- Kitamura, T.; Honda, K.; Takemoto, H., (2004). Individual variation of the hypopharyngeal cavities and its acoustic effects. *Acoust. Sci. & Tech. Scaricato*
- Kreiman J., Antonanzas-Barroso N., Gerratt B.R. (2010) Integrated software for analysis and synthesis of voice quality, *Behav Res Methods*. Nov;42(4):1030-41.
- Kreiman J., Gerratt B.R. (2010) Perceptual sensitivity to first harmonic amplitude in the voice source, *J Acoust Soc Am*. Oct;128(4):2085-89.

## Segundo dia

- Erickson, D. and Kawahara, S. (2016) Articulatory correlates of metrical structure: Studying jaw displacement patterns. *Linguistic Vanguard 2*, pp.102-110. De Gruyter Mouton. DOI 10.1515/lingvan-2015-0025.
- Erickson, D. and Kawahara, S. (2015) A practical guide to calculating syllable prominence, timing and boundaries in the C/D model. *Special Issue on the C/D model. Journal of Phonetic Society of Japan*, 19.2, 16-21.
- Erickson, D., Suemitsu, A., Shibuya, Y., and Tiede, M. (2012) Metrical structure and production of English rhythm. *Phonetica*.69, 180–190.
- Erickson, D. (2002). Articulation of extreme formant patterns for emphasized vowels. *Phonetica*, 59, 134-149.
- Erickson, D., Huang, Ting, Menezes, Caroline and Kawahara, Shigeto (2019) Using jaw movement patterns to visualize prosody, *Prosody Visualisation Challenge 2 (PVC2), International Congress of Phonetic Sciences, Melbourne, Australia, 2019*.
- Menezes, C., and Erickson, D. (2013) Intrinsic variations in jaw deviation in English vowels. *Proc. of International Congress of Acoustics. Proceedings of Meetings on Acoustics, Vol. 19, 060253 (2013)*.

## Terceiro e Quarto dias

- Erickson, D., Rilliard, A., Shochi, T., Han, J., Kawahara, H., and Sakakibara, K. (2008) A cross-linguistic comparison of perception to formant frequency cues in emotional speech. *COCOSDA, Kyoto, Japan*, 163-167..
- Erickson, D. (2006). Some gender and cultural differences in perception of vocally-expressed affect. *Speech Prosody 2006*, Dresden, Germany, May, 2006, PS6-2-29.).
- Erickson, D., Sadanobu, T., Zhu, C., Obert, K., Daikuhara, H. (2018) Exploratory study in ethnophonetics: Comparison of cross-cultural perceptions of Japanese cake seller voices among Japanese, Chinese and American English listeners. *Speech Prosody 2018*..
- Yanushevskaya, I., Gobl, C. and Ni Chasaide, A. (2018) Cross-language differences in how voice quality and  $f_0$  contours map to affect. *The Journal of the Acoustical Society of America* 144, 2730 doi: 10.1121/1.5066448.
- Gobl, C. and Ní Chasaide, A., (2003)The role of voice quality in communicating emotion, mood and attitude, *Speech Communication*, 40, (1-2),189 – 212.

Mais sugestões bibliográficas serão fornecidas durante a disciplina

## Pré-requisitos

Boa capacidade de acompanhar aulas em inglês e de ler literatura em inglês. Bons conhecimentos básicos de linguística. Conhecimentos básicos de fonética.

## Outras exigências

Belo Horizonte, 08 de fevereiro de 2020 .

Tommaso Raso  
PROFESSOR(A)