

IOANA CHITORAN
CURRICULUM VITAE

Program in Linguistics and Cognitive Science
Department of French and Italian
Dartmouth College
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EDUCATION

Ph.D. Linguistics, Cornell University, 1997
 Dissertation: *The Phonology and Morphology of Romanian Glides and Diphthongs: A Constraint-Based Approach*

M.A. American Studies, Michigan State University, 1991

B.A. and M.A. English and Russian Philology, University of Bucharest, 1987

ACADEMIC APPOINTMENTS

Since 2003 Associate Professor
 Program in Linguistics and Cognitive Science; Department of French and Italian,
 Dartmouth College, Hanover, NH

1997-2003 Assistant Professor
 Program in Linguistics and Cognitive Science; Department of French and Italian,
 Dartmouth College, Hanover, NH

1996-1997 Assistant Professor
 Department of Modern Languages, Ithaca College, Ithaca, NY

VISITING ACADEMIC POSITIONS

since 2006 Research Affiliate, Haskins Laboratories, Yale University, New Haven, CT

2005-2006 Visiting Associate Professor, Yale University, Department of Linguistics

Fall 2000 Visiting Scholar, New York University, Department of Linguistics

FELLOWSHIPS AND GRANTS

- Fulbright-Hays Faculty Research Abroad Grant – “Observing historical sound change in action: A comparison of two languages of the Caucasus”. Fieldwork in Georgia (2009) and Azerbaijan (2010)
- Resident Fellowship “Collegium de Lyon” – Institute for Advanced Studies, Lyon, France, January – June, 2009. Project: “La dynamique des séquences consonantiques dans deux langues Caucasiennes”
- Senior Faculty Fellowship, Dartmouth College, Spring 2009
- John Sloan Dickey Center for International Understanding, Dartmouth College – Faculty research grant for fieldwork on Lezgi phonetics, Azerbaijan, July 2008
- Marion and Jasper Whiting Foundation. Project: “Articulatory study of Georgian consonant clusters: implications for theories of syllable structure”, 2001

- Academic Computing Venture Fund (with Lindsay Whaley), Dartmouth College, 2001. Project: “Bringing computer-based training to the Linguistics curriculum at Dartmouth: Acoustic analysis of speech”
- Junior Faculty Fellowship, Dartmouth College, Winter 2001

RESEARCH

RESEARCH THEMES

- The interface of phonetics and phonology
- Experimental phonetics and phonology – “Laboratory Phonology”
- Gestural coordination and its role in phonology; the link between perception and production
- Phonetics and phonology of Caucasian languages and of Romance languages

PUBLICATIONS

Book

2001 *The phonology of Romanian: A constraint-based approach.*
Berlin, New York: Mouton de Gruyter

Edited volumes

in preparation I. Chitoran and D. Creissels (eds.) Papers from “Workshop for Young Linguists: Caucasian Languages”. Lyon, France, 8-9 April, 2009. Special issue of *Linguistic Discovery*.

in press F. Pellegrino, E. Marsico, I. Chitoran, C. Coupé (eds.) *Approaches to Phonological Complexity*. Mouton de Gruyter, Series “Phonetics and Phonology”

2008 I. Chitoran and A. Nevins (eds.) *Studies on the Phonetics and Phonology of Glides*. Special issue *Lingua* 118:12.

Articles

in press I. Chitoran and A. C. Cohn
Complexity in phonetics and phonology: Gradience, categoriality, and naturalness. In F. Pellegrino, E. Marsico, I. Chitoran, C. Coupé (eds.) *Approaches to Phonological Complexity*. Mouton de Gruyter, Series “Phonetics and Phonology”

in press Goldstein, L., H. Nam, E. Saltzman, I. Chitoran
Coupled oscillator planning model of speech timing and syllable structure. *Chinese Journal of Phonetics*.

2008 I. Chitoran and K. Iskarous
Acoustic evidence for high vowel devoicing in Lezgi
In Sock, Fuchs, Laprie (eds.) *Proceedings of the 8th International Seminar on Speech Production*, Strasbourg, France, Dec. 2008. 93-96.

2008 A. Nevins and I. Chitoran
Phonological representations and the variable patterning of glides.
In I. Chitoran and A. Nevins (eds.) *Studies on the Phonetics and Phonology of Glides*. *Lingua* 118:12. 1979-1997.

- 2007 I. Chitoran and A. Babaliyeva
An acoustic description of high vowel syncope in Lezgian. In *Proceedings of the 16th International Congress of Phonetic Sciences*, Saarbrücken, Germany, 6-10 August 2007. 2153-2156.
- 2007 L. Goldstein, I. Chitoran, E. Selkirk
Syllable structure as coupled oscillator modes: Evidence from Georgian vs. Tashlihyt Berber. In *Proceedings of the 16th International Congress of Phonetic Sciences*, Saarbrücken, Germany, 6-10 August 2007. 241-244.
- 2007 I. Chitoran and J. I. Hualde
From hiatus to diphthong: The evolution of vowel sequences in Romance. *Phonology* 24:1. 37-75.
- 2003 Inter-gestural timing between vocalic gestures as a function of syllable position: Acoustic evidence from Romanian. *Proceedings of the 6th International Seminar on Speech Production*, Sydney, Australia, December 2003, 25-30.
- 2003 Gestural timing and the glide percept in Romanian. *Proceedings of the 15th International Congress of Phonetic Sciences*, Barcelona, Spain, August 2003, 3013-3016.
- 2003 J. I. Hualde and I. Chitoran
Explaining the distribution of hiatus in Spanish and Romanian. In *Proceedings of the 15th International Congress of Phonetic Sciences*, Barcelona, Spain, August 2003. 1683-1686.
- 2002 A perception-production study of Romanian diphthongs and glide-vowel sequences *Journal of the International Phonetic Association* 32:2, 203-222.
- 2002 The phonology and morphology of Romanian diphthongization *Probus* 14:2, 205-246.
- 2002 I. Chitoran, L. Goldstein, D. Byrd
Gestural overlap and recoverability: articulatory evidence from Georgian
In C. Gussenhoven and N. Warner (eds.) *Laboratory Phonology 7*. Berlin, New York: Mouton de Gruyter. 419-447.
- 2000 Some evidence for feature specification constraints on Georgian consonant sequencing In O. Fujimura, B. Joseph, and B. Palek (eds.) *Proceedings of LP'98*. 185-204.
- 1999 Accounting for sonority violations: the case of Georgian consonant sequencing
In *Proceedings of the 14th International Congress of Phonetic Sciences*, San Francisco, 1999. 101-104.
- 1998 Georgian harmonic clusters: phonetic cues to phonological representation
Phonology 15:2. 121-141.
- 1996 Prominence vs. rhythm: The predictability of stress in Romanian
In K. Zagona (ed.) *Grammatical Theory and Romance Languages*. Amsterdam, Philadelphia: John Benjamins. 47-58.
- 1992 The Romanian gender system in the framework of Markedness Theory

Revue roumaine de linguistique 37:2-3. 177-190. (Shorter version appeared as: Les langues romanes: deux ou trois genres?, in *Les langues néo-latines* 4. 71-82.)

CONFERENCE PRESENTATIONS

- 2009 *Laryngeal restrictions in Lezgi clusters and Articulatory Phonology*
Annual Meeting of the Linguistic Society of America, San Francisco, CA, January 2009
(Symposium: Languages of the Caucasus and Linguistic Theory)
- 2008 I. Chitoran and K. Iskarous
Acoustic evidence for high vowel devoicing in Lezgi
8th International Seminar on Speech Production, Strasbourg, France, 8-12 Dec. 2008
- 2008 *Laryngeal restrictions in word-onset clusters: Evidence from a change in progress*
Workshop “Consonant Clusters and Structural Complexity” Munich, Germany, July 31-August 2, 2008.
- 2007 I. Chitoran and A. Babaliyeva
An acoustic description of high vowel syncope in Lezgian
- L. Goldstein, I. Chitoran, E. Selkirk
Syllable structure as coupled oscillator modes: Evidence from Georgian vs. Tashlhiyt Berber
- Both presented at the 16th International Congress of Phonetic Sciences, Saarbrücken, Germany, 6-10 August 2007.
- 2006 I. Chitoran and L. Goldstein
Testing the phonological status of perceptual recoverability: Articulatory evidence from Georgian
Poster presented at Laboratory Phonology 10, Paris, France, June 2006
- 2006 A. Nevins and I. Chitoran
Towards a phonetic and phonological typology of glides
Talk given at workshop co-organized at the Linguistic Society of America, Albuquerque, NM, January 5-8, 2006
- 2005 *Phonetic naturalness in phonology*
Workshop “Phonological systems and complex adaptive systems”
Laboratoire “Dynamique du Langage”, CNRS, Lyon, France, July 4-6, 2005.
- 2005 I. Chitoran and J. I. Hualde
On the origin and evolution of the contrast between tautosyllabic and heterosyllabic sequences of vocoids in Romance
Phonetics and Phonology in Iberia, Barcelona, Spain, June 2005
- 2004 *The effect of pitch accent and word position on the production of vowel sequences: A comparison of Spanish, Romanian, and French*
Poster presented at Laboratory Phonology 9, University of Illinois at Urbana-Champaign, June 2004.

- 2004 *Prosodic effects on glide-vowel sequences in three Romance languages*
Poster presented at the 75th Anniversary meeting of the Acoustical Society of America, New York, NY, May 2004.
- R. Degenshein and I. Chitoran
Dholuo interdental fricatives or affricates? Evidence from domain-initial strengthening.
Poster presented at the 75th Anniversary Meeting of the Acoustical Society of America, New York, NY, May 2004.
- 2003 *Inter-gestural timing between vocalic gestures as a function of syllable position: Acoustic evidence from Romanian*
Paper presented at the 6th International Seminar on Speech Production, Sydney, Australia, December 2003.
- 2003 *Gestural timing and the glide percept in Romanian*
Paper presented at the 15th International Congress of Phonetic Sciences, Barcelona, Spain, August 2003.
- J. I. Hualde and I. Chitoran
Explaining the distribution of hiatus in Spanish and Romanian
Paper presented at the 15th International Congress of Phonetic Sciences, Barcelona, Spain, August 2003.
- 2003 *The diphthong-hiatus continuum: Acoustic evidence from Romanian.* Paper presented at the 33rd Linguistic Symposium on Romance Languages, Indiana University – Bloomington, IN, April 24-27, 2003.
- 2002 I. Chitoran and J. I. Hualde
Variability in hiatus resolution: A phonetic study of [CiV] sequences in two Romance languages. Poster presented at Laboratory Phonology 8, Yale University and Haskins Laboratories, New Haven, CT, June 26-29, 2002.
- 2002 *The glide-vowel percept in Romanian CiV sequences.* The Phonology Reading Group, University of Massachusetts – Amherst, Department of Linguistics, December 6, 2002.
- 2001 *Phonemicization and morphologization in the vowel inventory of Romanian*
31st Linguistic Symposium on Romance Languages, University of Illinois – Chicago, April 20-22, 2001.
- 2001 *Phonological and morphological vowel harmony in Romanian*
The Phonology Reading Group, University of Massachusetts – Amherst, Department of Linguistics, March 16, 2001.
- 2000 I. Chitoran, L. Goldstein, D. Byrd
Gestural overlap and recoverability: articulatory evidence from Georgian
Paper presented at Laboratory Phonology 7, Max Planck Institute for Psycholinguistics and University of Nijmegen, Nijmegen, The Netherlands, June 30-July 2, 2000.
- 2000 I. Chitoran, L. Goldstein, D. Byrd
Recoverability constraints on gestural overlap in Georgian stop sequences
Poster presented at the 139th Meeting of the Acoustical Society of America, Atlanta, GA,

- May 2000. *Journal of the Acoustical Society of America* 107 (5,2): 2804.
- 1999 *Accounting for sonority violations: the case of Georgian consonant sequencing*. The 14th International Congress of Phonetic Sciences, San Francisco, August 1-7, 1999.
- 1998 *Some evidence for feature specification constraints on Georgian consonant sequencing*. Linguistics and Phonetics (LP'98), Columbus, OH, September 18-20, 1998.
- 1998 *Conflicting phonetic and phonological evidence in a perception-production study of Romanian diphthongs*. Poster presented at Laboratory Phonology 6, University of York, UK, July 2-4, 1998.
- 1998 *Georgian harmonic clusters: phonetic and phonological patterns*. The Texas Linguistic Society –“Exploring the Boundaries between Phonetics and Phonology”. University of Texas at Austin, March 13-15, 1998.
- 1997 *The interaction of vowel height and stress* Workshop on Phonological Features, LSA Institute, Cornell University, Ithaca, NY.
- 1995 *Prominence vs. rhythm: the predictability of stress in Romanian* 25th Linguistic Symposium on Romance Languages, University of Washington, Seattle, WA, March 1995.

INVITED TALKS

- 2009 *Towards a phonetic typology of ejectives*. October 5, 2009
The perception of Georgian stop clusters. October 12, 2009
Institute of General and Comparative Phonetics and Linguistics. Tbilisi State University, Tbilisi, Georgia
- 2009 *Voyelle dévoisée et syncope – deux étapes du même processus ?*
with E. Marsico (DDL, Lyon)
Institut de Linguistique et Phonétique Générale et Appliquée (ILPGA), Laboratoire de Phonétique et Phonologie, Paris 3, June 5, 2009
- 2009 *Acoustic evidence for high vowel devoicing in Lezgi : Implications for a gestural analysis*. IPSK Munich. May 6, 2009
- 2009 *Alternances de voisement en lezgi et la Phonologie Articulatoire*
Laboratoire « Dynamique du Langage », Lyon April 28, 2009
- 2008 *Lien articulatoire entre syncope et alternances vocaliques en Lezgi*
Institut de Linguistique et Phonétique Générale et Appliquée (ILPGA), Laboratoire de Phonétique et Phonologie, Paris 3, France, November 21, 2008.
- 2008 *An articulatory analysis of consonant voicing alternations in Lezgi*
- University of Southern California Phonology Group, March 12, 2008
and
- New York University, October 16, 2008

- 2007 *Les groupes consonantiques (occlusives) dans les langues caucasiques*
Colloque « Les langues caucasiques », Laboratoire « Dynamique du Langage », Lyon, France, December 12, 2007.
- 2007 *The role of perceptual recoverability in the phonological grammar: Evidence from Georgian stop-stop sequences*
Institute of General and Comparative Linguistics and Phonetics, Tbilisi State University, Tbilisi, Republic of Georgia, July 2, 2007.
- 2007 *Does perceptual recoverability play a role in the phonological grammar? A possible answer from Georgian*
University of Massachusetts at Amherst, Linguistics Department Colloquium, March 30, 2007.
- 2006 *From hiatus to diphthong: The evolution of vowel sequences in Romance*
Cornell University, Linguistics Department Colloquium, September 14, 2006.
- 2006 *On the origin and evolution of a diphthong-hiatus continuum in Romance*
University of Delaware, Linguistics Department Colloquium. April 28, 2006.
- 2005 *Optimality Theory and sound inventories*
Laboratoire “Dynamique du Langage”, CNRS, Lyon, France, March 4, 2005.
- 2005 *Effets prosodiques sur la variabilité des séquences vocaliques des langues romanes*
Réunion parisienne du RFP "Réseau français de phonologie", Paris, France, February 4, 2005 (Colloquium Series).
- 2004 *Prosodic effects on duration in vowel sequences*
The Speech Seminar of the Research Lab of Electronics, MIT, December 10, 2004.
- 2004 *Diphthongs and glide-vowel sequences in Romanian: Acoustic structure and phonological representation*
Institut de Phonétique, Paris, France, January 30, 2004.
- 2004 *Inter-gestural timing as a function of syllable position – Evidence from diphthongs and glide-vowel sequences*
Laboratoire “Dynamique du Langage”, CNRS, Lyon, France, March 12, 2004.
- 2002 *Variability in gestural timing: Lexical contrast and recoverability in Georgian and Romanian.*
The Colloquium Series of the Department of Linguistics, SUNY Stonybrook, October 25, 2002.
- 2001 *Recoverability constraints on gestural overlap: Articulatory evidence from Georgian.*
The Speech Seminar of the Research Lab of Electronics, MIT, October 31, 2001.
- 2000 *Gestural overlap and recoverability: implications for sonority in Georgian.*
The Colloquium Series of the New York University Department of Linguistics, October 13, 2000.
- 1999 *The interaction of vowel height and stress in Romanian diphthongization.*

The Colloquium Series of the Yale University Department of Linguistics, November 15, 1999.

- 1999 Panel on “Accessing Undergraduates: Linguistics and Writing”, Linguistic Society of America, Los Angeles, January 5-8, 1999.
- 1998 *Phonological and phonetic information in the representation of complex segments*. The Cognitive Science Group, Dartmouth College, October 1998.

ORGANIZED MEETINGS

- 2009 *Workshop for Young Linguists: Caucasian Languages* (with Denis Creissels) Lyon, France, April 8-9, 2009. Sponsored by the Collegium de Lyon and the Laboratoire “Dynamique du Langage”, Université Lumière, Lyon 2.
- 2007 Symposium: *Sounds and Tastes of the Caucasus: Music, Language, and Food in Georgia*. Dartmouth College, October 25, 2007. Sponsored by the Leslie Center for the Humanities and the Dickey Center.
- 2006 LSA Workshop *Towards a phonetic and phonological typology of glides* (with Andrew Nevins, Harvard University) Annual Meeting of the Linguistic Society of America, Albuquerque, NM, January 2006.
- 2005 Workshop *Phonological systems and complex adaptive systems* (with François Pellegrino, Egidio Marsico, Christophe Coupé) Laboratoire “Dynamique du Langage”, CNRS, Université Lumière, Lyon 2, Lyon, France. June 2005.
- 2004 LSA tutorial on Acoustic Analysis (with Lisa Lavoie) Annual Meeting of the Linguistic Society of America, Boston, MA, January 2004.

TEACHING

since 1997

Dartmouth College:

- Linguistics 21 – Phonology
- Linguistics 20 – Experimental Phonetics
- Linguistics 22 – Syntax
- Linguistics 15 – Historical Linguistics
- Linguistics 7 – First year seminar (*Accents, dialects, and language discrimination* 1997; *Language and national identity* 2001)
- Linguistics 1 – Introduction to Linguistics
- Linguistics 80 – Senior Seminars:
 - Suprasegmentals* (2003)
 - Introduction to Optimality Theory* (2005)
- French 35 – *Le français en dehors de l’Europe* (*The French language: Varieties of French outside Europe*)
- French 1, 2, 3 – French language all levels
- French 6 – Readings in French Literature (taught on LSA Program)

Director – Language Study Abroad Program, Lyon, Winter 2002, 2004, 2005, 2007

- 2005-2006 ***Yale University:***
 Graduate seminars:
- Topics in Phonology: “The phonetics and phonology of Caucasian languages”
 - Topics in Phonetics: “The phonetics-phonology interface”
- 1996-1997 Introduction to Phonological Analysis
 Ithaca College: Linguistics for Speech Pathology Majors; Linguistics for Language Majors; French language
- 1991-1996 Cornell University, Teaching Assistant: Introduction to Linguistics; Morphology; French language
- 1990-1991 Michigan State University, Teaching Assistant: Russian language, ESL

DIRECTED HONORS THESES

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| Rayna Levine 10 | “Music and phonetic memory” |
| Eleanor Anderson (Yale 06) | “Diphthongization of /r/: A gestural account” |
| Leslie Root (Yale 06) | “Statistical learning in infant phonological acquisition: Investigating an articulatory approach” |
| Scott Anderson 05 | “Hindi stress” |
| Rachael Degenshein 04 | “Acoustic study of Dholuo interdentals: Fricatives or affricates?” |
| Steven Lulich 02 | “The phonetics and phonology of [v] in Contemporary Standard Russian“ |
| Sarah Finck 02 (2 nd advisor) | “The pragmatic implications of cleft constructions in spoken French” |
| Michael Friesner 01 | “The representation of French <i>h-aspiré</i> from the perspective of loanword phonology” |

EXTERNAL READER FOR PHD DISSERTATIONS

- Peggy Renwick, Cornell University, Department of Linguistics (expected 2011)
- Laura Spinu, University of Delaware, Department of Linguistics (expected 2010)
- Kevin D. Roon, NYU, Department of Linguistics (expected 2010)
- Stefania Marin, Yale University, Department of Linguistics, 2007
 “Vowel to vowel coordination, diphthongs, and Articulatory Phonology”

MEMBER OF MA THESIS COMMITTEE

- Bruno Ruviaro
 Department of Music, Program in Electro-Acoustic Music, Dartmouth College, 2004
 “The Spell of Speech”

DIRECTED STUDENT RESEARCH

Presidential Scholar Projects:

- Kayla Eisman 09: “Syncope in Georgian”
- Zhiliang Zhang 09: “Designing an auditory perception experiment contrasting hiatus and diphthongs“
- Nathan Saperia 05: “Acoustic study of glide-vowel sequences in French”
- Lauren Loehlein 05: “Comparison of diphthongs in French and Aranes (Val d’Aran)”

Rachael Degenshein 04: “Acoustic study of Dholuo interdentals: fricatives or affricates?”
First year research fellowship – Steven Lulich 02: “A cross-linguistic study of voicing contrasts in fricative-sonorant clusters”

Independent studies:

Meeka Droese 08: “Stress-related phenomena in Iraqi Arabic”
 Ashley Barton 05: “The Role and Use of Prosody in the Acquisition of French”
 Garrett Holmes 05 (with Lindsay Whaley): “Topics in Morphology”
 Meylysa Tseng 98: “A critical look at feminization diachronically in English, French, and Spanish”

LANGUAGES

Native: Romanian
 All skills: English, French, Russian
 Reading skills: Italian, Spanish
 Beginner: Georgian

MEMBERSHIPS

- Linguistic Society of America
- International Phonetic Association
- Acoustical Society of America
- ARISC – American Research Institutes for the South Caucasus – member and institutional representative