

Kevin D. Roon

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Education

Ph.D.	January 2013, Linguistics Dissertation: <i>The dynamics of phonological planning</i>	New York University, New York, NY <i>Advisor: Prof. Adamantios I. Gafos</i>
M.A.	2008, Linguistics	New York University, New York, NY
M.A.	1991, Russian 1990-1991, Foreign study	Middlebury College, Middlebury, VT <i>Pushkin Russian Language Institute, Moscow, USSR</i>
A.B.	1990, Russian Language and Literature 1988, Foreign study 1988, Foreign study	Dartmouth College, Hanover, NH <i>Leningrad State University, USSR Universidad de Salamanca, Spain</i>

Employment

2013–present	Post-doctoral associate, Speech Production Lab Post-doctoral fellow	CUNY Graduate Center, NY, and Haskins Laboratories, New Haven, CT <i>Douglas H. Whalen, supervisor</i>
2012–2013	Part-time lecturer in phonology	Rutgers University (NJ)
Spring 2012	Adjunct lecturer in phonetics and phonology	Montclair State University (NJ)

Grants, Honors, and Awards

2015	CUNY Research Foundation Post-doc Travel Award. \$1,000.
2010	National Science Foundation Doctoral Dissertation Improvement Grant (BCS-0951831). \$4,778.
2004	McCracken Fellowship, Graduate School of Arts and Sciences, New York University.
1990	Dartmouth College: High honors in major, magna cum laude, Phi Beta Kappa.

Publications

Peer-reviewed Journals

under revision	Kevin D. Roon and Adamantios I. Gafos. Perceiving while producing: Modeling the dynamics of phonological planning. <i>Journal of Memory and Language.</i>
submitted	Kevin D. Roon, Mark K. Tiede, Katherine M. Dawson, and D. H. Whalen. Indexing head movement during speech using optical markers. <i>Journal of the Acoustical Society of America.</i>

- 2015 Petroula Mousikou, Kevin D. Roon, and Kathleen Rastle. **Masked primes activate feature representations in reading aloud.** *Journal of Experimental Psychology: Learning, Memory, and Cognition* 41(3), 636–649. DOI: 10.1037/xlm0000072
- 2015 Kevin D. Roon and Adamantios I. Gafos. **Perceptuo-motor effects of response-distractor compatibility in speech: beyond phonemic identity.** *Psychonomic Bulletin & Review* 22(1), 242–250. DOI: 10.3758/s13423-014-0666-6
- 2013 Maria Gouskova and Kevin Roon. **Gradient clash, faithfulness, and sonority sequencing effects in Russian compound stress.** *Laboratory Phonology* 4(2), 383–434.
- 2010 Adamantios I. Gafos, Phil Hoole, Kevin Roon, and Chakir Zeroual. (authors alphabetical) **Variation in timing and phonological grammar in Moroccan Arabic clusters.** In Cécile Fougeron, Barbara Kühnert, Mariapaola D’Imperio, and Nathalie Vallée (eds.), *Laboratory Phonology 10* (pp. 657–698), Mouton de Gruyter, Berlin/New York.
- 2008 Lisa Davidson and Kevin Roon. **Durational correlates for differentiating consonant sequences in Russian.** *Journal of the International Phonetic Association* (38), 137-165.
- Peer-reviewed Conference Proceedings*
- 2015 Kevin D. Roon, Mark K. Tiede, Katherine M. Dawson, and D. H. Whalen. **Coordination of eyebrow movement with speech acoustics and head movement.** *Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS), Glasgow, Scotland.*
- 2015 Eugen Klein, Kevin D. Roon, and Adamantios I. Gafos. **Perceptuo-motor interactions across and within phonemic categories.** *Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS), Glasgow, Scotland.*
- 2014 Kevin D. Roon, Eugen Klein, and Adamantios I. Gafos. **Distractor effects on response times in fricative production.** Proceedings of ISSP 10, Köln (available online at http://www.issp2014.uni-koeln.de/wp-content/uploads/2014/Proceedings_ISSP_revised.pdf).
- 2013 Kevin D. Roon and Adamantios I. Gafos. **A dynamical model of the speech perception-production link.** In M. Knauff, M. Pauen, N. Sebanz & I. Wachsmuth (Eds.), *35th Annual Conference of the Cognitive Science Society* (pp. 1241–1246), Berlin/Humboldt University. Austin, TX: Cognitive Science Society (available online at <http://mindmodeling.org/cogsci2013/>).
- 2009 Maria Gouskova and Kevin Roon. **Interface constraints and frequency in Russian compound stress.** In Jodi Reich, Maria Babyonyshev, and Darya Kavitskaya (eds.), *Formal Approach to Slavic Linguistics 17: The Yale Meeting 2008* (pp. 49–63). Ann Arbor, MI: Michigan Slavic Publications.

- 2007 Kevin Roon, Adamantios I. Gafos, Philip Hoole, and Chakir Zeroual. **Influence of Articulator and Manner on Stiffness.** *Proceedings of the 16th International Congress of Phonetic Sciences, Saarbrücken, Germany* (available online at <http://www.icphs2007.de/>).
- 2006 Kevin Roon. **Stress in Russian compound nouns: Head dominance or anti-faithfulness?** In James E. Lavine, Steven Franks, Mila Tasseva-Kurktchieva, and Hana Filip (eds.), *Formal Approach to Slavic Linguistics 14: The Princeton Meeting 2005* (pp. 319–330). Ann Arbor, MI: Michigan Slavic Publications.

Conference Presentations

*O = oral presentation, P = poster, presenter**

- Aug 2015 Kevin D. Roon*, Mark K. Tiede, Katherine M. Dawson, and D. H. Whalen. **Coordination of eyebrow movement with speech acoustics and head movement.** 18th International Congress of Phonetic Sciences (ICPhS), Glasgow, Scotland, UK. (*O*)
- Aug 2015 Eugen Klein*, Kevin D. Roon, and Adamantios I. Gafos. **Perceptuo-motor interactions across and within phonemic categories.** 18th International Congress of Phonetic Sciences (ICPhS), Glasgow, Scotland, UK. (*P*)
- Jan 2015 Kevin D. Roon*. **Real-time ultrasound video feedback for singers producing L2 phonemes.** CUNY Phonology Forum, CUNY Graduate Center, New York. (*O*)
- July 2014 Petroula Mousikou*, Kevin D. Roon, and Kathleen Rastle. **Masked primes activate feature representations in reading aloud.** International Workshop on Language Production 2014, University of Geneva. (*P*)
- May 2014 Kevin D. Roon*, Eugen Klein, and Adamantios I. Gafos. **Distractor effects on response times in fricative production.** 10th International Seminar on Speech Production, Köln, Germany. (*O*)
- Dec 2013 Kevin D. Roon*, Eric Jackson, Hosung Nam, Mark Tiede, and D. H. Whalen. **Assessment of head reference placement methods for optical head-movement correction of ultrasound imaging in speech production.** 166th Meeting of the Acoustical Society of America, San Francisco, CA. (*P*)
- Nov 2013 Kevin D. Roon*, Eric Jackson, Hosung Nam, Mark Tiede, and D. H. Whalen. **Assessment of head reference placement methods for optical head-movement correction of ultrasound imaging in speech production.** Ultrafest VI, Queen Margaret University, Edinburgh, Scotland. (*P*)
- Aug 2013 Petroula Mousikou*, Kevin D. Roon, and Kathleen Rastle. **Activation of phonetic features in masked priming.** 18th Conference of the European Society for Cognitive Psychology, Budapest. (*P*)
- Aug 2013 Kevin D. Roon* and Adamantios I. Gafos. **A dynamical model of the speech perception-production link.** 35th Annual Meeting of the Cognitive Science Society, Berlin, Germany. (*O*)

- Jul 2013 Betty Mousikou*, Kevin D. Roon, and Kathleen Rastle. **Activation of phonetic features in masked priming**. Bangor Meeting of the Experimental Psychology Society, Bangor, Wales. (P)
- Jul 2012 Kevin Roon* and Adamantios I. Gafos. **Dynamical model of the perception-production link and the timecourse of phonological planning**. Laboratory Phonology 13, Stuttgart, Germany. (P)
- Jul 2012 Kevin Roon* and Adamantios I. Gafos. **Dynamical model of the perception-production link and the timecourse of phonological planning**. International Workshop on Language Production, New York University. (P)
- Jan 2011 Kevin Roon* and Adamantios I. Gafos. **Dynamical modeling of phoneme classifications and response times**. 2011 Annual meeting of the Linguistic Society of America, Pittsburgh. (O)
- Jul 2010 Kevin Roon* and Adamantios I. Gafos. **Using dynamical representations to model perceptuo-motor interactions and phoneme categorization**. Laboratory Phonology 12, University of New Mexico. (P)
- Aug 2008 Kevin Roon*, Adamantios I. Gafos, Phil Hoole, and Chakir Zeroual. **Obligatory release, stiffness modulation, and Relativized Place Order**. Workshop on Consonant Clusters and Structural Complexity, IPS - University of Munich, Munich, Germany. (P)
- Jul 2008 Kevin Roon*, Adamantios I. Gafos, Phil Hoole, and Chakir Zeroual. **Obligatory release, stiffness modulation, and Relativized Place Order**. Laboratory Phonology XI, Victoria University, Wellington, New Zealand. (P)
- May 2008 Maria Gouskova* and Kevin Roon. **Interface constraints and frequency in Russian compound stress**. Formal Approach to Slavic Linguistics (FASL) 17: The Yale Meeting. (O)
- Aug 2007 Kevin Roon*, Adamantios I. Gafos, Phil Hoole, and Chakir Zeroual. **Influence of Articulator and Manner on Stiffness**. 16th International Congress of Phonetic Sciences, Saarbrücken, Germany. (O)
- Dec 2006 Lisa Davidson* and Kevin Roon*. **Acoustic cues for distinguishing consonant sequences in Russian**. Fourth Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu. (P)
- Jun 2006 Adamantios I. Gafos, Philip Hoole, Kevin Roon*, and Chakir Zeroual. **Variation in timing and phonological grammar in Moroccan Arabic clusters**. Laboratory Phonology X, Paris. (O)
- May 2005 Kevin Roon*. **Stress in Russian compound nouns: Head dominance or anti-faithfulness?** Formal Approach to Slavic Linguistics (FASL) 14: The Princeton Meeting. (O)

Invited Talks

- Feature-driven modulations of verbal response times.**
 Apr 2015 GIPSA-lab, Département Parole et Cognition, Grenoble, France.
 Dec 2014 Phonetics and Experimental Phonology Lab, New York University.
- The dynamics of phonological planning and the perception-production link.**
 Fall 2013 Nov: Haskins Laboratories.
 Nov: Universität Potsdam, Germany; Department of Linguistics.
 Nov: Université de Paris 3 Sorbonne-Nouvelle, Paris; Laboratoire de phonétique et phonologie.
 Sept: Colloquium, CUNY Graduate Center; Department of Speech-Language-Hearing Sciences.
- The dynamics of phonological planning.**
 Mar 2013 Phonetics and Phonology reading group meeting, Rutgers University; Department of Linguistics.
- The dynamics of phonological planning and the perception-production link.**
 Feb 2013 Colloquium talk, University of California, Berkeley; Department of Linguistics.
- A dynamical computational model of phonological planning.**
 Jan 2013 Universität Potsdam, Germany; Department of Linguistics.
- The use of ultrasound in L2-research and in teaching non-native speech sounds.** Lead a hands-on ultrasound workshop at the conference “Current Approaches to Spanish and Portuguese Second Language Phonology”, held at the University of South Carolina, February 17, 2012.
- Situating the perception-production link within the dynamics of phonological planning.**
 Dec 2011 Universität Potsdam, Germany; Department of Linguistics.
- Temporal and spatial properties of speech in the perception-production link.**
 Jan 2011 Dartmouth College, Program in Linguistics and Cognitive Science.
- Modeling gradient and categorical data: Response Time and Perceptual Choice in production and perception.** Northeast Computational Phonology Meeting 4, UMass: Amherst. (with Adamantios I. Gafos)
- Modeling phonetic detail and reaction times in a cue-distractor task.**
 Oct 2009 Northeast Computational Phonology Meeting 3, MIT. (with Adamantios I. Gafos)

Teaching Experience

- Spring 2013 and Fall 2012 **Instructor of record:** Phonology. Undergraduate course at Rutgers University (NJ). Responsible for all lectures, assignments, exams, and grading.
- Spring 2012 **Instructor of record:** Phonetics and Phonology. Graduate course (Masters students) at Montclair State University (NJ). Responsible for all lectures, assignments, exams, and grading.
- Fall 2006 and Fall 2008 **Teaching assistant** for Freshman Honors Seminar in Phonology, "From Moving Articulators to Sound Structure", NYU. Adamantios I. Gafos, professor.
Gave course lectures on: acoustic phonetics, statistical analysis, and presentation skills.
Developed course materials, demonstrations, and exercises introducing students to acoustic phonetics, articulatory speech data, statistical analysis, and presentation skills.
- Spring 2007 **Teaching assistant** for "Language and Mind", NYU. Liina Pytkäinen and Brian McElree, professors.
- Spring 2005 **Teaching assistant** for "Language and Society", NYU. John Singler, professor.
- 1987–1990 Spanish and Russian **drill instructor**, Dartmouth College.

Advising

- 2015 Eugen Klein, Universität Potsdam. Master's degree.
Ai Mizoguchi, CUNY Graduate Center. Second exam (towards Ph. D.).

Research Training

- 2006–2007 Research assistant, Phonetics and Experimental Phonology Lab. Lisa Davidson, supervisor.
- 2005–2006 Research assistant, Haskins Laboratories. Adamantios I. Gafos, supervisor.

Technical Skills and Experience

- Statistics:* R, SPSS *Modeling, programming:* Matlab, Praat, Visual Basic
- Data analysis:* Praat (acoustics), MVIEW and MAVIS (electromagnetic articulography data), relational databases (e.g., MS-Access), EdgeTrak and GetCountours (ultrasound data), Matlab
- Corpus data:* CELEX *Experiment running:* ePrime, PsyScope, Presentation

Professional Service

- Reviewer for: *Formal Approaches to Slavic Linguistics (conference and proceedings)*
Journal of the Association for Laboratory Phonology
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: Learning, Memory, and Cognition
Journal of the International Phonetic Association
- Fall 2007 Co-organizer (with Lisa Davidson) of Ultrafest IV, hosted by New York University.
- 2005–2006 Treasurer of LANYU (the association of Linguistics Graduate Students at NYU).

Professional Associations

Acoustical Society of America (Full member), Association for Laboratory Phonology, Cognitive Science Society, Linguistic Society of America.

Related Interests

- Jul 2014, Jul 2013, Jul 2011 Used real-time ultrasound lingual video imaging as a tool for classical-music singers and singing teachers to aid in singing technique and foreign language pronunciation. Oxenfoord Summer School. Musselburgh, Scotland.

Previous Career

- 1998–2003 *Interdimensions Corporation*, a firm that designed and developed custom web sites and applications for clients including AOL Time Warner, Spencer Stuart, space.com, Samsung, EF Education. Responsible for account management and overseeing technical and creative practices of the firm. Specialized in internationalization of sites and content-management systems.
- 1991–1998 *Rytech International*, a consultancy that designed and developed custom relational-database desktop applications for clients including Pfizer and Lloyds Bank. Responsibilities ranged from programming and design to account management.