Núria Bosch Masip

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Research interests

Broad: theoretical, comparative and diachronic syntax, language acquisition and learnability, biolinguistics.

In syntax: the structure of the left periphery, categorial ontology and flexibility, syntactic development, diachronic syntax, Three Factors, expressive language, locality, Agree, typological variation.

In acquisition: early syntactic development, acquisition of functional categories, categorial granularity in developing grammars, learning biases, Universal Grammar, neo-emergentist approaches, learnability-diachrony link.

Other topics that currently interest me:

- **Computational linguistics:** linguistically- and acquisitionally-informed computational models, neural networks, Large Language Models.

- **Mathematical linguistics:** applications of dynamical systems theory, category theory.

- **Cognitive science:** learning biases, decision-making, bounded rationality, Bayesian (structure) learning, curiosity.

Education

Degrees

2023-	**St John's College, University of Cambridge** PhD in Theoretical and Applied Linguistics Supervisors: Bert Vaux and Theresa Biberauer.	Cambridge, UK
2022-2023	**St John's College, University of Cambridge** MPhil (by Thesis) in Theoretical and Applied Linguistics *Defended with no corrections* Thesis: *Emergent Syntax and Maturation: a neo-emergentist approach to syntactic development.* Supervisor: Theresa Biberauer. Examiners: Bert Vaux (internal) and Cécile de Cat (external).	Cambridge, UK
2019-2022	**St John's College, University of Cambridge** BA (Hons) in Linguistics *First Class with Distinction (ranked 1st in cohort)* Achieved First Class with Distinction results (or its unclassed equivalent) every Tripos Part and ranked top of cohort every year. Thesis: *Emergence, Complexity and Developing Grammars: a reinterpretation from a Dynamical Systems perspective.* Supervisor: Theresa Biberauer.	Cambridge, UK

Summer schools and additional training

2022-2024	Participant at V-NYI Universe and V-NYI Winter School - The NYI Global Institute of Cultural, Cognitive and Linguistic Studies
2023	5th Crete Linguistics Summer School - University of Crete (jointly organised with MIT)
2022	Eastern Generative Grammar (EGG) - Masaryk University Brno
2021-2022	Nanosyntax Seminar by Michal Starke (weekly, March-June)
2021	Eastern Generative Grammar (EGG) - online
2021	Escola d'Estiu de Lingüística Catalana (EDELC) - Universitat de les Illes Balears (Catalan Linguistics Summer School)

Papers & Publications

In prep	Bosch, Núria. **Categorial granularity in syntactic acquisition: a multilingual corpus study**.
In prep	Bosch, Núria. **The case of Rita: incipient expressive negation in Catalan and Spanish proper nouns**. To be submitted to *Cambridge Occasional Papers in Linguistics*.
To appear	Bosch, Núria & Theresa Biberauer. **Emergent Syntactic Categories and Increasing Granularity: Evidence from a Multilingual Corpus Study**. *Proceedings of BUCLD 48*.
2023	Bosch, Núria. **Not all complementisers are late: a first look at the emergence of illocutionary complementisers in Catalan and Spanish**. *Isogloss* 9(1)/12: 1-39.
2023	Bosch, Núria. **Not all complementisers are late: a first look at the emergence of illocutionary complementisers in Catalan and Spanish**. *Cambridge Occasional Papers in Linguistics* 15: 1-38.
2022	Bosch, Núria. **Emergence, Complexity and Developing Grammars: a reinterpretation from a Dynamical Systems perspective**. *Cambridge Occasional Papers in Linguistics* 14(1): 1-33.

Presentations & Posters

Invited talks

2023	Bosch, Núria. **How do syntax trees develop? Insights from multilingual child data and 'categorial granularity'**. Talk presented at *St John's College Linguistics Society* (University of Cambridge), 20 November.
2023	Bosch, Núria. **Rita cares about grammar: peculiar phenomena in the grammaticalisation of expressive negative indefinites**. Talk presented at *SyntaxLab Data Discussion Session* (University of Cambridge), 17 October.
2023	Bosch, Núria. **Sprouting in the emergence of syntax: a corpus study on child Catalan and German**. Talk presented at *SyntaxLab* (University of Cambridge), 31 January.
2022	Bosch, Núria. **Emergent grammars and the dynamics of language acquisition: an application of Dynamical Systems Theory to grammar construction**. Talk presented at *CRISSP Seminar* (KU Leuven), 14 December.

| 2022 | Bosch, Núria. **Emergence, Complexity and Developing Grammars: a reinterpretation from a Dynamical Systems perspective**. Talk presented at *SyntaxLab* (University of Cambridge), 8 February. |
| 2021 | Biberauer, Theresa & Núria Bosch. **The case for Maximise Minimal Means: linguistic and general-cognitive perspectives**. Talk presented at *SyntaxLab* (University of Cambridge), 16 November. |

Peer-reviewed

2024	Bosch, Núria & Theresa Biberauer. **Emergent syntactic categories and increasing granularity: evidence from a multilingual corpus study**. Talk to be presented at *49º Incontro di Grammatica Generativa (IGG)* (University School for Advanced Studies IUSS Pavia), 22-23 February.
2024	Bosch, Núria. **The case of Rita: expressives and negative indefinites in Catalan and Spanish**. Poster to be presented at *32nd Conference of the Student Organisation of Linguistics in Europe (ConSOLE)* (Queen Mary University of London), 17-19 November.
2023	Bosch, Núria & Theresa Biberauer. **Emergent syntactic categories and increasing granularity: evidence from a multilingual corpus study**. Talk presented at *48th Boston University Conference on Language Development (BUCLD)* (Boston), 2-5 November.
2023	Bosch, Núria. **Acquiring (illocutionary) complementisers: preliminary insights from child Catalan and Spanish, and beyond**. Talk presented at *Brussels Conference on Generative Linguistics (BCGL) 16* (KU Leuven), 5-6 October.
2023	Bosch, Núria. **Acquiring (illocutionary) complementisers: preliminary insights from child Catalan and Spanish, and beyond**. Talk presented at *Ling-O Oxford Postgraduate Conference in Linguistics* (University of Oxford), 15 September.
2023	Bosch, Núria. **Acquiring (illocutionary) complementisers: preliminary insights from child Catalan and Spanish, and beyond**. Talk presented at *2023 LAGB Annual Meeting* (Anglia Ruskin University), 29 August-1 September.
2023	Bosch, Núria. **On partial pro-drop patterns in Dinka**. Talk presented at *ULAB Annual Conference 2023* (University of Manchester), 9 April.
2022	Bosch, Núria. **Dynamics in acquisition: approaching emergence, generativism and grammar construction with Dynamical Systems Theory**. Talk presented at *ULAB Annual Conference 2022* (University of Edinburgh), 13 April.

Non-refereed

| 2023 | Bosch, Núria. **Not all complementisers are late: a first look at the acquisition of illocutionary complementisers in Catalan and Spanish**. Poster presented at *Commemorative conference for the 50th anniversary of the founding assembly of the International Association of Catalan Language and Literature (AILLC)* (Fitzwilliam College, University of Cambridge), 15 July. |

General audience

2022	Bosch, Núria. **Mind the Gap: why early syntactic categories do not always have direct adult counterparts and why emergence matters in language acquisition**. Talk presented at *Samuel Butler Room Graduate Research Symposium* (St John's College), 12 November.

AWARDS & SCHOLARSHIPS

Research-related funding

2023	Paula Menyuk Award for top-rated student abstracts (48th Boston University Conference on Language Development, BUCLD)
2023	Open-Oxford-Cambridge AHRC DTP - St John's College Studentship (Arts and Humanities Research Council, UKRI, and St John's College)
	~£84,000 towards PhD fees and maintenance
2023	Cambridge International Scholarship (Cambridge Trust) - Honorary upon receipt of OOC AHRC DTP
2022-2023	Hayes Scholarship (St John's College, Cambridge)
	~£19,200 towards MPhil fees and maintenance
2022-2023	Cambridge Opportunity Master's Studentship (Cambridge Trust)
	£6,500 towards MPhil fees
2022	Undergraduate Academic Research Funding (St John's College, Cambridge)
2021	Summer Funding (St John's College, Cambridge)

Awards for undergraduate work

2022	Hughes Year Prize (St John's College, Cambridge)
2022	McAulay Scholarship (St John's College, Cambridge)
2022	Wright Prize (St John's College, Cambridge)
2022	Sidney Allen Prize (Faculty of Modern and Medieval Languages and Linguistics, University of Cambridge)
2021	Quass Year Prize (St John's College, Cambridge)
2021	McAulay Scholarship (St John's College, Cambridge)
2021	Wright Prize (St John's College, Cambridge)
2020	McAulay Scholarship (St John's College, Cambridge)
2020	College Prize (St John's College, Cambridge)

Awards for performance and research project during Spanish Baccalaureate

2019	Matrícula d'Honor (Prize for Academic Excellence; Departament d'Ensenyament, Catalonia)
2019	XI UPF Prize for the Best Research Project in the area of language and languages (Universitat Pompeu Fabra, Barcelona)

Research experience

Research Internships

12/2021-01/2022	Theresa Biberauer, University of Cambridge
	Project: *Acquisition of ergativity, polysynthesis, noun classes and understudied languages from a Maximise Minimal Means perspective*
07/2021-08/2021	Theresa Biberauer, University of Cambridge
	Project: *Maximise Minimal Means in language and human cognition*

Final-year Baccalaureate research project

05/2018-12/2018	Project: *Cracking Shakespeare's Code: the Latinisms in Shakespeare's works and their translations in Catalan.*
	Harnessed computational linguistics tools (Python and NLTK) to extract the Latinisms within Shakespeare's works. Presented a linguistic analysis of their occurrences and compared their translations in Catalan.

Teaching

Guest lectures

2024	*Syntax* (Module 1, Session 4) of the MSt in English Language Assessment (University of Cambridge).

Service & outreach

Editorial experience

2023-	**Co-editor** of the Cambridge Occasional Papers in Linguistics (COPiL).
2023-	(*ad hoc*) **Associate Copyeditor** at the Journal of the Undergraduate Linguistics Association of Britain (JoULAB)
2023-	**Associate Editor (Academic)** at the Journal of the Undergraduate Linguistics Association of Britain (JoULAB)
2022-2023	**Associate Editor (Production)** at the Journal of the Undergraduate Linguistics Association of Britain (JoULAB)
June 2022	**Editorial Design Assistant** for U-Lingua Issue 9

Committees

2023-	**Secretary** at the Cambridge University Linguistics Society (CU LingSoc)
2023-	**Commitee Member** at the Cambridge University Catalan Society (CUCAT)
2021-2023	**President** of the St John's College Linguistics Society
2021-2022	**Representative for Linguistics Part IIB** at the Staff-Student Liaison Committee (Faculty of Modern and Medieval Languages and Linguistics, University of Cambridge)

| 2020-2021 | **Institutional Representative for the University of Cambridge** at the Undergraduate Linguistics Association of Britain |

Reviewing

| Abstracts | Annual Conference of the Undergraduate Linguistics Association of Britain (2023, 2024) |
| Papers | Reviewer of academic English at JoULAB as part of their undergraduate academic writing service. |

Access and outreach

2019-	**Student Ambassador** for St John's College and the Faculty of Modern and Medieval Languages and Linguistics (University of Cambridge)
2022-2023	**STEM MPhil Representative** for CambTweet on Twitter ([@cambtweetmphils](#))
2020-2022	**Linguistics Representative** for CambTweet on Twitter ([@cambtweetling](#))
2022	**Interviewer** for U-Lingua Magazine Issue 10 (Interview to Masha Esipova)

Conferences

| 2021 | **Student helper** (technical chair and designer of Gathertown space) for LAGB Annual Meeting 2021 |
| 2020-2021 | **Student helper and webmaster** for Cambridge Comparative Syntax (CamCoS) 9 Part I and II |

Workshops and Panels

Aug 2023	**Speaker** at *JoULAB panel* on undergraduate publishing and reviewing at the 2023 LAGB Summer School.
Mar 2023	**Lead organiser** for *Careers for Linguists Panel*, with St John's Linguistics Society and Cambridge Linguistics Society.
Feb 2022	**Lead organiser and teacher** for *LaTeX for Linguists Workshop*, with St John's Linguistics Society and CamTeX Society.

Reading groups

| 2023- | **Co-organiser** of Historical Linguistics Reading Group (Theme: Language Acquisition and Change), with Marieke Meelen and Sarah Gordon (University of Cambridge). |

SKILLS

Programming, IT & design

| DATA ANALYSIS | Python (familiar with NLTK, spaCy), TalkBank CLAN, Phon (PhonBank), R, Stata. |
| EXPERIMENTAL | Gorilla |

WEB DEVELOPMENT	HTML, CSS, JavaScript (basic), WordPress
TYPE-SETTING	LaTeX, beamer
VIDEO EDITING	Final Cut Pro
GRAPHIC DESIGN	Canva, PhotoScape, Adobe InDesign

Languages

NATIVE	Catalan
	Spanish
PROFICIENT	English (C2)
INTERMEDIATE	German (B1)
BEGINNER	Dutch
	Italian
PHILOLOGY	Latin
LANGUAGE CERTIFICATES	Cambridge Certificate of Proficiency in English (CPE, C2 - Grade B 216/230, equivalent to IELTS 9.0 score; issued in 2018)
	Goethe-Zertifikat B1 (91%; issued in 2019)