

att: Head of administration Mari Camilla Risdal Otnes

Oslo, 11.05.2021

Enquiries to:

Kari Tonhild Aune
+4722037389
kta@forskningsradet.no

Application received: 25.05.2020

Our ref.: 315368/H20

Contract dispatched

Project Title: Better attention, better communication? How ADHD and multilingualism influence children's pragmatic development

Project No.: 315368

Project Manager: Franziska Köder

Project Administrator: Mari Camilla Risdal Otnes

With reference to the application for funding for the above-mentioned project, the programme/activity (FINNUT) at the Research Council of Norway has at its meeting of 10.12.2020 granted an allocation to the project for 2021. Pledges for subsequent years, if any, as well as the terms that apply to the allocation, are specified in the attached contract.

The project has been assigned the following project number 315368. Please use this number on all enquiries to the Research Council relating to the project.

Contacts at the Research Council:

Camilla Oftebro, co@forskningsradet.no for all reporting and
Kari Tonhild Aune, kta@forskningsradet.no for subject-specific questions.

The contract is comprised of the following documents:

- R&D Project Agreement Document,
- Project description,
- General Terms and Conditions for R&D Projects,
- Any other documents as specified in the agreement document.

Please read through the attached contract documents carefully and sign or reject them electronically via "My RCN Web" as soon as possible and at the latest **within one month**. If you choose to reject the contract documents, please provide your reasons.

Please check to ensure that all the data are correct and contact the Research Council immediately if you discover any errors or missing information.

The contract will not formally enter into force and disbursement of funding will not take place until the Research Council has received and approved the signed contract.

The Research Council reserves the right to withdraw the dispatched contract or amend the provisions of the contract if it has not received the signed contract documents within the deadline.

In addition to the reporting obligations that are set out in the General Terms and Conditions for R&D Projects, the Project Owner is required to keep the Research Council apprised of the following:

- the Project Owner's enterprise number (now: 971035854);
- organisational changes carried out at the Project Owner;
- the Project Owner's current mailing address, telephone number, and email address;
- the party to whom the specifications regarding potential automatic disbursement of funds are to be sent: name and email address;
- the bank account number to be used for the Research Council's disbursements.

If the Project Owner has already supplied the above information in connection with other projects, it is not necessary to repeat them in connection with this project. The project administrator should send any new or updated information to the Research Council at okonomi@forskningsradet.no.

If disbursements to the project do not take place as agreed, please notify the Research Council's contact person for the project (see above). The Project Owner is not permitted to send reminder letters to or claim interest from the Research Council of Norway.

All changes to and deviations in the project framework must be reported to the Research Council as soon as possible via "My RCN Web > Projects/Reports > View / Change project"

This letter has been sent in electronic form to Head of administration Mari Camilla Risdal Otnes, who has been authorised by the Project Owner to sign the contract with the Research Council on "My RCN Web".

If the Project Owner has chosen to centralise the responsibility for signing all R&D contracts with the Research Council to a single contract administrator within the organisation, then Mari Camilla Risdal Otnes as project administrator and Franziska Köder as project manager have been included as secondary recipients with read access to the available contract documents on "My RCN Web".

The Project Owner is responsible for informing the other parties involved in the project about the contract with the Research Council.

The project administrator is responsible for ensuring that all project documents of archival value are stored internally within the organisation. All contract documents may be downloaded from "My RCN Web".

More information about Research Council's general terms and conditions for R&D projects may be found on the Research Council's website at: www.forskningsradet.no.

Sincerely yours,

The Research Council of Norway

Gunnlaug Daugstad

Director

Kari Tonhild Aune
Spesialrådgiver

Approved and expedited electronically

Attachments

Project no.: 315368

R&D Project Agreement Document

Article 1: Contracting parties

Between

The Research Council of Norway

Enterprise number: 970141669

(hereafter also referred to as the **Research Council**)

and

UNIVERSITETET I OSLO

Enterprise number: 971035854

(hereafter referred to as the **Project Owner**)

a contract has been signed for the following project, described below (hereafter referred to as the **project**).

Article 2: The project

2.1 Project title: Better attention, better communication? How ADHD and multilingualism influence children's pragmatic development

2.2 Project no.: 315368

Please specify the project number in connection with all enquiries directed to the Research Council, including on payment documents.

2.3 Objective of the project

The primary objective of the project is to investigate what role attentional mechanisms play in the pragmatic development of school-age children (6-10 years), focusing on the understanding and processing of figurative language.

The secondary objectives are:

1. Investigate the distribution of visual attention to facial expressions and gestures during the processing of irony
2. Investigate how different aspects of executive attention are related to children's performance on pragmatic tasks
3. Improve the understanding of the relationship between attention deficits and pragmatic impairments in ADHD
4. Contribute to the "bilingual advantage" debate by looking at differences between monolingual and multilingual children in pragmatics and attentional abilities
5. Discover whether being multilingual alleviates or intensifies cognitive and communicative impairments in children with ADHD
6. Establish reliable norms for diagnosing Developmental Language Disorder in multilingual children

2.4 Project description and project summary

The project description for project no. 315368 is provided in the document dated 11.03.2021.

Changes in the project description must be approved by the Research Council. Requests for changes must be submitted to the Research Council via "My RCN Web" > "Projects/Reports" > "View / Change project".

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The following project summary may be published by the Research Council:

In order to understand what others intend to communicate, it is not sufficient to know a language's grammar or vocabulary. It crucially requires pragmatic competence to bridge the gap between what the speaker says ("It's late") and what she intends to communicate ('I need to leave'). While many pragmatic abilities develop early in life, children still struggle with sophisticated pragmatic tasks such as the understanding of figurative language (e.g. irony, metaphor) in the school years. The current project explores the novel hypothesis that immature attention abilities could be the key for understanding the pragmatic challenges school-age children face.

Initial evidence for a tight developmental link between attention and pragmatic skills comes from two very different populations: children with Attention Deficit Hyperactivity Disorder (ADHD) and multilingual children. Children with ADHD do not only suffer from attention deficits, they also tend to have communication problems. Multilingual children, on the other hand, seem to have enhanced executive attention abilities and possibly advantages in pragmatics. Studying these two groups together for the first time provides a unique opportunity to gain new insights into the cognitive underpinnings of children's language and communication development. The current project provides a systematic research program which links children's development of different attentional abilities (visual attention, executive attention) with pragmatic competence in school-age children (ages 6-10), using a unique combination of psycholinguistic and cognitive methods, and drawing on an interdisciplinary team of leading national and international experts in linguistics, psychology and philosophy. In addition, the project will directly contribute to a more inclusive healthcare and education system by developing valid diagnostic tools for detecting Developmental Language Disorder in multilingual children.

Article 3: Contract documents and rules of interpretation

The contract includes this signed agreement document and as a minimum the following documents:

- **The General Terms and Conditions for R&D Projects** (attached)
- **Project description** (see reference in Article 2.4)

In the event that the provisions of the various contract documents conflict with one another, they shall apply in the order of precedence listed above.

Amendments agreed between the parties in writing subsequent to the signing of the contract are also part of the contract and will take precedence over other contract documents.

Article 4: Project management – administrative and scientific

The Project Owner has appointed the following project management:

Project administrator

Name: Mari Camilla Risdal Otnes

Title: Head of administration

Project manager

Name: Franziska Köder

Title: Researcher

Any change of project administrator shall be immediately reported to the Research Council. Notification must be submitted to the Research Council via "My RCN Web" > "Projects/Reports" > "Change of role".

Changes of the project manager must be approved by the Research Council. Requests for changes must be submitted to the Research Council via "My RCN Web" > "Projects/Reports" > "Change of role" and must include the CV of the desired project manager as well as the desired date of commencement of duties.

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Research performance site at the Project Owner:

Center for Multilingualism in Society Across the Lifespan (MultiLing), Organization number:

Article 5: Project period and progress plan**The project period is to be:**

From the starting date: 01.08.2021

To the date of completion: 31.07.2025

The Project Owner is under obligation to carry out the activities listed in the progress plan:

Main activity / milestone	From year	Quarter	To year	Quarter
Literature review	2021	3	2021	4
Recruitment of Postdoc/researcher	2021	3	2021	3
Kick-off workshop	2022	1	2022	1
Design + pilot of experiments 1+2, WP 1	2021	3	2022	1
Selection of cognitive/linguistic tests, WP 2	2021	3	2021	4
Design. + pilot metaphor test, WP2	2021	3	2021	4
Adaptation + pilot reading test, WP2	2021	4	2022	1
Adaptation + pilot LITMUS tests, WP2	2021	4	2022	1
Data collection, round 1, WP1+2	2022	1	2022	3
Data analysis, round 1, WP1+2	2022	4	2023	1
Data collection, round 2, WP1+2	2022	2	2023	1
Data analysis, round 2, WP1+2	2023	2	2023	3
Follow-up experiments	2023	4	2024	2
Publication of articles	2023	2	2025	3
Dissemination activities	2024	3	2025	3
Project conference	2024	3	2024	3
Editing special issue	2024	4	2025	3

Article 6: Project budgets and funding**6.1 Cost plan****6.1.1 Distribution of project costs by cost category** (amounts in NOK 1 000)

The project is to be implemented in accordance with the following cost plan:

	2021	2022	2023	2024	2025	Amount
Payroll and indirect expenses	514	2.507	2.554	2.424	690	8.689
Procurement of R&D services	0	0	0	0	0	0
Equipment	0	103	103	103	0	309
Other operating expenses	86	140	140	240	120	726
Total amount	600	2.750	2.797	2.767	810	9.724

Changes in the cost plan must be approved by the Research Council. Requests for changes must be submitted to the Research Council via “My RCN Web” > “Projects/Reports” > “View / Change project”.

6.1.2 Distribution of project costs by cost code (in NOK 1 000)

Project costs are to be distributed by cost code as follows:

	2021	2022	2023	2024	2025	Sum
Trade and industry	0	0	0	0	0	0
Research institutes	0	0	0	0	0	0
Universities and university colleges	600	2.750	2.797	2.767	810	9.724
Other sectors	0	0	0	0	0	0
Abroad	0	0	0	0	0	0
Total amount	600	2.750	2.797	2.767	810	9.724

Changes in the distribution between cost codes must be approved by the Research Council. Requests for changes must be submitted to the Research Council via My RCN Web> Projects/Reports > View/Change project.

6.2 Funding plan (amounts in NOK 1000)

The project is to be implemented in accordance with the following funding plan:

	2021	2022	2023	2024	2025	Amount
The Research Council	409	2.317	2.372	2.351	550	7.999
Own financing	191	433	425	416	260	1.725
Public funding	0	0	0	0	0	0
Private funding	0	0	0	0	0	0
International funding	0	0	0	0	0	0
Total amount	600	2.750	2.797	2.767	810	9.724

Changes in the funding plan must be approved in writing by the Research Council and is treated as a contractual amendment, ref. General Terms and Conditions for R&D Projects, item 14. Requests for changes must be submitted to the Research Council via My RCN Web > Projects/Reports > View > Change project.

6.3 Specification of the Research Council's allocations for 2021 and pledges for upcoming years

	2021	2022	2023	2024
General lump sum – government agencies	409.000	2.317.000	2.372.000	2.351.000
Total amount	409.000	2.317.000	2.372.000	2.351.000

	2025	Amount
General lump sum – government agencies	550.000	7.999.000
Total amount	550.000	7.999.000

6.4 Disbursement

The Research Council's allocation for the first year and any pledges for subsequent years will be disbursed in accordance with the conditions set out in this agreement and the General Terms and Conditions for R&D Projects.

The Research Council will disburse funds automatically at four-month intervals, provided the project is in compliance with the progress and funding plans set out in the contract.

Article 7: Reports

The following reports shall be submitted to the Research Council:

7.1 Progress reports

The Project Owner is to submit progress reports annually.

Deadline: **1 October**.

The progress report is to be submitted via “My RCN Web”.

Otherwise, please see Section 6 of the General Terms and Conditions for R&D Projects.

7.2 Final report

Deadline: **1 month after the conclusion of the project period**.

The Project Owner is to submit the final report via “My RCN Web”.

Otherwise, please see Section 6 of the General Terms and Conditions for R&D Projects.

7.3 Other reports

Reports and publications that are not compulsory that have been drawn up on the initiative of project management shall not be submitted to the Research Council, unless specifically agreed upon. The Project Owner is required to store all technical reports and publications for at least 10 years after conclusion of the project period. The Project Owner shall assign an ISBN/ISSN number to the reports and/or publications, where so required, and ensure that these are sent to the National Library in Mo i Rana.

Article 8: Other special terms of contract and deviations from the General Terms and Conditions for R&D Projects

The following special conditions shall apply to this project:

Communication and dissemination

The Research Council organises a variety of events, and the project manager and/or project participants are expected to take part in these to provide information about the projects and present research findings when these are available. The Project Owner is to maintain a website providing updated information and details about the project. The website is to be linked to the webpage for the FINNUT site on forskningsradet.no. <https://www.forskningsradet.no/om-forskningsradet/programmer/finnut/>

The following persons are engaged in this project:

Name	Grant/Position	Start date	End date	Country
NN Navn ikke registrert	Post-doctoral research fellowship	01.01.2022	31.12.2024	Norway

For research fellowship positions in the project:

When a research fellow is hired, the Project Owner shall submit confirmation of employment accompanied by biographical data and date of commencement of employment to the Research Council. Employment must commence during the agreed fiscal year, unless otherwise agreed in writing with the Research Council.

The Research Council’s funding per research fellow will be commensurate with standard rates, and will be awarded as a lump-sum allocation per year for the duration of the employment period. The parameters for the project will not be upwardly adjusted during the project period.

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The Project Owner or, if relevant, a partner has employer responsibility for the research fellow and must comply with the rules and guidelines that apply to employers. The Research Council must be notified immediately of any changes of significance to the implementation of the project.

Should the Research Council find a fellowship-holder's progress to be less than satisfactory, the issue must be raised with the Project Owner, who is required to implement feasible, reasonable measures as dictated by the Research Council. In the event the Project Owner finds grounds indicating that the fellowship should be discontinued or terminated, the Research Council must be notified immediately. Discontinuation or termination of the fellowship may not take place without the prior written consent of the Research Council.

For post-doctoral grant:

In the case of a post-doctoral grant, employment may not commence until the individual's doctoral thesis has been defended successfully.

Please be advised that the "Regulations concerning terms and conditions of employment for the posts of post-doctoral research fellow, research fellow, research assistant and resident" do not give permission to extend the post-doctoral fellowship period by more than six months beyond what is stipulated in the contract of employment. If an employer expects the extension of the fellowship period to exceed six months as a result of an overseas research stay and subsequent extension, stipulations allowing for this must be included in the post-doctoral candidate's original contract of employment.

Requirements relating to professional development plans for post-doctoral fellowships:

The Research Council's allocation is granted on the condition that the doctoral thesis has been successfully defended and approved. The fellowship is granted for a period of 2 - 4 years. A candidate may not receive funding for more than one post-doctoral fellowship period. The Project Owner or the research institution where the post-doctoral research fellow is employed is required to draw up a professional development plan for the full duration of the post-doctoral period. The plan must be submitted to the Research Council at the latest three months after the post-doctoral research fellow has been formally employed, and must be signed by the post-doctoral research fellow and the project administrator. The scheme applies to all post-doctoral research fellows that have been awarded funding under a call for proposals with a deadline after 1 January 2017.

Required submission of data management plans for projects that generate research data

Starting in 2018, all projects that have applied for and been granted research funding will, as a general rule, be required to submit a data management plan if the project collects or in some other way produces research data. The Project Owner is to use its own internal guidelines for data management to assess whether the project requires a data management plan.

Information about the archives and/or data infrastructure(s) where the data are to be stored is to be provided in the data management plan and in the final project report.

In the case of projects that generate research data but have not drawn up a data management plan, information regarding the archives and/or data infrastructure(s) where the data are to be stored must be provided in the final project report.

Archiving of research-generated data

The Project Owner is responsible for ensuring that research-generated data/result data generated in connection with projects, and all the necessary documentation for reuse of the data (metadata) are stored in secure archives. The data are to be transferred for storage at the earliest possible stage, and no later than three years after completion of the project.

Projects that involve animal experimentation

In projects that involve experimentation on live animals, all participants in the project are required to ensure that the experiment activities are planned and carried out in accordance with the laws, regulations and guidelines governing such tests that are in force at least one EU-/EEA member country. This obligation applies regardless of where the animal experimentation is carried out and

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independent of the country in which the performing party is domiciled. The Project Owner is responsible for ensuring that all parties involved in the project comply with this requirement.

Requirements relating to medical and health-related clinical trials involving human subjects

Starting in 2020, the Research Council stipulates special requirements that apply to all calls for proposals for medical and health-related trials involving human subjects. This encompasses clinical intervention studies, observational studies and preventive and health-promoting intervention studies. These requirements apply to projects that require pre-approval by the Norwegian Regional Committees for Medical and Health Research Ethics (REK), and that are funded wholly or partially by the Research Council.

The clinical trials are to be registered in one of the following registries: ClinicalTrials.gov or another registry approved by the International Committee of Medical Journal Editors (ICMJE). The trial must be registered before the initial intervention has been administered to the first patient/trial subject, or as soon as possible afterwards. Information about the selected registry, trial registration number and registration date is to be sent to the Research Council via “My RCN Web” as soon as possible after the trial has been registered. This requirement also applies to trials that have commenced prior to receiving funding from the Research Council. Trials that are already initiated but have not been registered are to be registered at the earliest possible date. All relevant fields in the selected registry are to be assessed and updated on an ongoing basis (at least once a year) until the trial is concluded and the results have been published or made publically accessible. If the trial is terminated before the planned completion date, the registry must be updated to indicate the new date of termination and the number of participants involved in the trial at that time.

Information that the trial is funded by the Research Council, with reference to the project number, must be included in the registration information.

All clinical trials that plan to include patients/trial subjects in Norway must in addition be registered in the list of clinical trials published on Helsenorge, the national health website:
<https://helsenorge.no/kliniske-studier>.

The trial’s registration number is to be included in all publications resulting from the study and in the article’s summary/abstract.

See the Research Council’s webpages for more detailed guidelines as well as recommendations regarding registry information, costs related to registration and reporting, and the monitoring activities of the Research Council.

This contract has been approved and expedited electronically.

For the Research Council of Norway

Oslo, 05.05.2021

Gunnlaug Daugstad
Director

For the Project Owner:

Mari Camilla Risdal Otnes
Head of administration

Attachments:

- **General Terms and Conditions for R&D Projects** (valid at date of received application: 25.05.2020)
- **Project description**

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