**جامعة البليدة 2 – لونيسي **

**University of Blida 2 – Lounici Ali**

**كلية العلوم الإنسانية والاجتماعية**

**Faculty of Human and Social Sciences**

**مخبر اللغة – المعرفة –التفاعل**

**Language- Cognition and Interaction Laboratory**

* **Presentation of LCI laboratory:**

The Language – Cognition – Interaction (LCI) laboratory deals with issues of normal and pathological aspects of language, cognition, and interaction. It was created in October 2018 by Professor Nadia Sam, who was elected Director by the Laboratory Council.

* **This laboratory aims to:**
* Contribute to the development of scientific research in several fields, particularly language, cognition, and interaction in both normal and pathological contexts.
* Study these different aspects in a multidisciplinary approach and in a typically Algerian context.
* Promote the study of language’s history in our country over time
* Develop theoretical models through a computer and mathematical modelling of cognition, language, and interaction.
* Develop and adapt tools for assessment and management of language, cognitive and communication (normal and disorders aspects).
* Study the quality of life of the elderly and people with chronic conditions or disabilities.
* **Topics supported by the laboratory:**
* Languages spoken and written in Algeria
* Normal and pathological development of language, communication, cognition regardless of the age of the subject, his sociocultural and linguistic affiliation.

- Normal and pathological cognitive aging.

- Mental, physical, sensory, and social disabilities.

Therefore, it contributes to the training of language and communication pathologists and provides two doctoral courses of two universities: University of Blida 2 – Lounici Ali, and the university of Mouloud Mammeri – Tizi Ouzou.

* **Human component of the laboratory:**

It comprises seven (07) teams each composed of a group of research-teachers and Ph.D students.

* **Team 1- Clinical neuropsychology:**

This team aims to study the links between cognitive processes in brain areas involved in both normal and pathological information processing. It is also interested in the impact of brain injury on the language and cognitive functions in children, adult, and the elderly. It also aims to develop assessment tools and therapeutic protocols by proposing theoretical models relating to language and other cognitive functions.

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| **Pr. Nadia Sam** | **Team leader** | **U. of Blida 2** |
| Dr. Nahed Belkadi | Associate professor A | U. of Blida 2 |
| Dr. Dali Ahmed Chakib | Associate professor A | U. of Blida 2 |
| Dr. Amina Sedkaoui | Associate professor B | U. of Blida 2 |
| Khawla Brahimi  | PhD Student | U. Blida 2 |
| Amel Bendaouad |  PhD Student | U. Blida 2 |
| Nawal Boucha  | PhD Student | U. Mouloud Mammeri – Tizi Ouzou |
| Samia Gani  | PhD Student | U. Mouloud Mammeri – Tizi Ouzou |

**Team 2 – Mental disabilities**

The team’s mission is to study language and communication disorders related to a mental disability.

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| **Pr. Khalida Yaalaoui**  | **Team leader** | **U. of Blida 2** |
| Dr. Riabi Fatima | Associate professor A | U. of Blida 2 |
| Dr. Abdennour Kerrmiche  | Associate professor B | University of Tamanraset |
| Dr. Ghania Cherif | Associate professor B | U. of Blida 2 |
| Rakem Sihem  | Assistant -lecturer A | U. of Blida 2 |
| Chikh Touhami Lila | PhD Student | U. of Blida 2 |
| Halima Mekhati  | PhD Student | U. of Blida 2 |
| Ibtisem Zerouki  | PhD Student | U. of Mouloud Mammeri Tizi Ouzou |

* **Team 3 – Hearing disabilities**

This team is interested in the study of language and communication disorders, and cognitive deficits in the deaf subject (not fitted, fitted, and implanted).

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| **Pr Samira Rakza** | **Professor -Team leader** | **U. of Blida 2** |
| Hafiza Kecheroud | Assistant -lecturer A | U. of Blida 2 |
| Nadia Sadou | Assistant -lecturer A | U. of Blida 2 |
| Nadjia Aktouf | Assistant -lecturer A | U. of Blida 2 |
| Rakem Sihem | Assistant -lecturer A | U. of Blida 2 |
| Benaissa Kheira | PhD Student | U. of Blida 2 |
| Boudjatou Djamila | PhD Student | U. of Blida 2 |
| Taibi Sihem | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Baziz Nawal | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Aloui Roufaida | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Bouchareb Marwa | PhD Student | U of Mouloud Mammeri Tizi Ouzou |

* **Team 4 - Writing development and DYS**

This team is responsible for studying the different processes of developmental stages of writing in early childhood and its disabilities*, e.g*., DYS (dyslexia, dysgraphia, dysorthographia, dyscalculia).

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| **Dr Amine Djenane** | **Associate professor -Team leader** | **U. of Blida 2** |
| Zahia Messaoudi  | Professor | U. of Blida 2 |
| Sara Benrahma  | PhD Student | U. of Blida 2 |
| Amani Khellaf | PhD Student | U. of Blida 2 |
| Nabil Lamouri | PhD Student | U. of Blida 2 |
| Yasmine Lakehal  | PhD Student | U. of Blida 2 |
| Naima Maouchi | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Hanane Zerdouhi  | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Miadi Rahma | PhD Student | U of Mouloud Mammeri Tizi Ouzou |

* **Team 5 – Epilepsy and acquired syndrome in childhood:**

The objective of this team is the study of the consequences of epilepsy on communicative abilities and different acquired syndromes in children as frontal syndrome…

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| **Sidahmed Bara**  | **Professor- Team leader** | **U of Mouloud Mammeri Tizi Ouzou** |
| Karim Belhouchet  | Associate Professor A | U of Mouloud Mammeri Tizi Ouzou |
| Mohammed Roubi  | Associate Professor A | U. of M’sila |
| Shiraz Saci  | Assistant – Lecturer A | U. of Blida 2 |
| Zina Abbar  | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Hessan Idda | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Khaoula Cheni  | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Djaouida Ben Haddali | PhD Student | U of Mouloud Mammeri Tizi Ouzou |

* **Team 6 – Language oral and its disorders:**

This team is responsible for studying oral language acquisition and its disorders.

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| **Hadda Zeddam**  | **Associate Professor A- Team leader** | **U. of Blida 2** |
| Assia Boukherraz | Associate Professor A | U. of Blida 2 |
| Salima Hammidouche | Assistant – Lecturer A | U. of Blida 2 |
| Shiraz Saci  | Assistant – Lecturer A | U. of Blida 2 |
| Hafida Moulai  | PhD Student | U. of Blida 2 |
| Zineddine Kara | PhD Student | U. of Blida 2 |
| Messaoud Houichi  | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Anissa Ramdani  | PhD Student | U of Mouloud Mammeri Tizi Ouzou |
| Yasmine ZIane | PhD Student | U of Mouloud Mammeri Tizi Ouzou |

* **Team 7 – Normal and pathological aging:**

This team is interested in the treatment of information related to normal and pathological aging.

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| Yamina Hedibel | Professor - Team leader | U. of Blida 2 |
| Houda Kecheroud  | Associate Professor A | ENS Bouzareah  |
| Samia Raber | PhD Student | U. of Blida 2 |
| Sabrina Ferroukhi | PhD Student | U. of Blida 2 |
| Dalila Djaghloul  | PhD Student | U. of Blida 2 |
| Sadia Mohammed Cherif  | PhD Student | U. of Blida 2 |

* **Some publications**
* Fouzia Ouzzani, Nadia Sam (2021). [Evaluation de la dyslexie et des troubles visuo-attentionnels en milieu clinique algérien](https://www.asjp.cerist.dz/index.php/en/article/160382) الاكاديمية للدراسات الاجتماعية و الانسانية,  [Volume 13, Numéro 5, Pages 41-52 | ASJP (cerist.dz)](https://www.asjp.cerist.dz/index.php/en/article/160382)

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| مخلوفي أمل[صام نادية](https://www.asjp.cerist.dz/en/article/138610#154543) **(2020) قراءة في مصطلحات الدماغ والازدواجية اللغوية والحبسة –دراسة وصفية تحليلية -** [الصوتيات](https://www.asjp.cerist.dz/en/PresentationRevue/287) Volume 16, Numéro 2,**-** <https://www.asjp.cerist.dz/en/article/138610>* Marie-Anna Bernard Paulais, Camilla Mazetto, Eric Thiébaut, Maria Clara Nassif, Maria Thereza Costa Coelho De Souza, Ana Paula Stefani, Romuald Blanc, Maria Pilar Gattegno, Fethia Aïad, Nadia Sam, Lina Belal, Laid Fekih, Kelley Kaye, Yves Contejean, Jaqueline Wendland, Catherine Barthélémy, Frédérique Bonnet-Brilhault, Jean-Louis Adrien (2019). [Heterogeneities in cognitive and socio-emotional development in children with autism spectrum disorder and severe intellectual disability as a comorbidity](https://scholar.google.com/scholar?oi=bibs&cluster=14319319186936887545&btnI=1&hl=fr) Frontiers in psychiatry <https://doi.org/10.3389/fpsyt.2019.00508>
* Sam, N (2017). Etude du récit de trois sujets aphasiques algériens à partir d’histoires insolites in AL-LIS½NIYYAT - Numéro 23 - Issue 2 - <https://www.asjp.cerist.dz/en/Articles/26>, 22p

M-A Bernard, Eric Thiébaut, Camilla Mazetto, Maria Clara Nassif, MT Costa Coelho De Souza, N Nader-Grosbois, Isabel Seynhaeve, M De La Iglesia Gutierrez, J-S Olivar Parra, Carmen Dionne, M Rousseau, K Stefanidou, **F Aiad, N Sam**, L Belal, L Fekih, R Blanc, F Bonnet-Brilhault, MP Gattegno, K Kaye, Y Contejean, J-L Adrien (2016). L’hétérogénéité du développement cognitif et socio-émotionnel d’enfants atteints de trouble du spectre de l’autisme en lien avec la sévérité des troubles in [**Neuropsychiatrie de l'Enfance et de l'Adolescence**](https://www.sciencedirect.com/journal/neuropsychiatrie-de-lenfance-et-de-ladolescence)**, Vol. 64, Issue 6.** <https://doi.org/10.1016/j.neurenf.2016.05.002>* Marie-Anna Paulais, Éric Thiébaut, Romuald Blanc, Maria-Pilar Gattegno, Kelley Kaye, Yves Contejean, **Fethia Aiad, Nadia Sam**, Lina Belal, Laid Fekih, Camilla Mazetto, Maria-Clara Nassif, Maria-Thereza de Zouza, Nathalie Nader-Grosbois, Isabel Seynhaeve, Myriam de la Iglesia Gutierrez, Jose-Sixto Olivar Parra, Carmen Dionne, Myriam Rousseau, Konstantina Stefanidou, Catherine Barthélémy, Frédérique Bonnet-Brilhault, Jean-Louis Adrien (2016). [Etude des différences du développement cognitif et socio-émotionnel entre des garçons et des filles ayant un trouble du spectre de l‘autisme avec handicap intellectuel léger ou moyen - Université de Lorraine (univ-lorraine.fr)](https://hal.univ-lorraine.fr/hal-02179409)-
* Jean-Louis Adrien, Marie-Anna Bernard, Eric Thiébaut, Maria Pilar Gattegno, Romuald Blanc, Kelley Kaye, Yves Contejean, Camilla Mazetto, Maria Clara Nassif, Maria-Thereza Costa Coelho De Souza, Nathalie Nader-Grosbois, Isabel Seynhaeve, Myriam De La Iglesia Gutierrez, Jose-Sixto Olivar Parra, **Fethia Aiad**, **Nadia Sam**, Lina Belal, Laid Fekih, Carmen Dionne, Myriam Rousseau, Konstantina Stefanidou, Frédérique Bonnet-Brilhault (2016). [Profils de développement dans le Trouble du Spectre de l’Autisme (TSA), avec ou sans déficience intellectuelle sévère. Implications pour l’évaluation et l’intervention](https://www.cairn.info/revue-devenir-2016-4-page-255.html).  *Devenir*, 28, 255-272. <https://doi.org/10.3917/dev.164.0255>
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| * Sam, N. (2016). Les repercussions de la paralysie cérébrale sur la famille In The Algerian Review of Childhood and Education – Childhood and Preschool education laboratory, n°12 - U. Blida 2
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| * Chakroun, G, Amr,. Sam, N. (2014). Diversity of Autistic Spectrum Disorders among children in three Arabic countries In Today’s children, Tomorrow’s parents, An interdisciplinary journal Issue, N°39
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| * Sam, N. et Laaouad, C. (2014). Les contraintes linguistiques et culturelles rencontrées lors de l’évaluation des troubles du langage chez l’enfant algérien – In The Algerian Review of Childhood and Education – Childhood and Preschool education laboratory, n°6 - U. Blida 2
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