



MLS - EDUCATIONAL RESEARCH

Vol. 8 • Núm. 2 • Diciembre - December - Dezembro 2024

ISSN: 2603-5820

<http://www.mlsjournals.com/Educational-Research-Journal>

EQUIPO EDITORIAL / EDITORIAL TEAM / EQUIPA EDITORIAL

Editor Jefe / Editor in chief / Editor Chefe

Antonio Pantoja Vallejo. Universidad de Jaén, España.

Editores Asociados / Associate Editors / Editores associados

Maria de los Ángeles Peña Hita. Universidad de Jaén, España

María Isabel Amor Almedina. Universidad de Córdoba, España

Marlene Zwierewicz. UNIARP, Brasil

Nuria González Castellano. Universidad de Jaén, España

Ramón Garrote Jurado. University of Borås, Suecia

Silvia Pueyo Villa. Universidad Europea del Atlántico, España

Secretaría/ Secretary/ Secretária

Beatriz Berrios Aguayo. Universidad de Jaén, España.

Consejo Científico Internacional / International scientific committee / Conselho científico internacional

Cecilia Raschio. Universidad Juan Agustín Maza, Argentina

Cristiane Porto. Universidade Tiradentes, Brasil

Daniela Saheb Pedroso. Pontifícia Universidade Católica do Paraná, Brasil

Flavinês Rebolo. Universidade Católica Dom Bosco, Brasil

Helena Maria Ferreira. Universidade Federal de Lavras, Brasil

Joel Haroldo Baade. Universidade Alto Vale do Rio do Peixe, Brasil

Jose Hernando Bahamon Lozano. Universidad ICESI, Colombia

Juan Bosco Bernal. Universidad Especializada de las Américas, Panamá

Juan Carlos Tójar Hurtado. Universidad de Málaga, España

Karel LLòpez Guerra. Universidad Central Marta Abreu de las Villas, Cuba

Letícia Paludo Vargas. Universidade do Contestado, Brasil

Lidia Santana Vega. Universidad de la Laguna, España

Líliam Maria Born Martinelli. Faculdades Integradas Santa Cruz de Curitiba, Brasil

Madalena Pereira da Silva. Universidade do Planalto Catarinense, Brasil

Maria Dolores Fortes Alves. Universidade Federal de Alagoas, Brasil

Maria José de Pinho. Universidade Federal do Tocantins, Brasil

Marilza Vanessa Rosa Suanno. Universidade Federal de Goiás, Brasil

Oscar Picardo Joao. Arizona State University, Estados Unidos

Papa Mamour Diop. Université Cheikh Anta Diop de Dakar, Senegal

Paul Spence. King's College London, Reino Unido

Pilar Figuera Gazo. Universidad de Barcelona, España

Ricelli Endrigo Ruppel da Rocha. Universidade Alto Vale do Rio do Peixe, Brasil

Susana Gonçalves. Escola Superior de Educação de Coimbra, Portugal

Patrocinadores:

Funiber - Fundación Universitaria Iberoamericana

Universidad internacional Iberoamericana. Campeche (México)

Universidad Europea del Atlántico. Santander (España)

Universidad Internacional Iberoamericana. Puerto Rico (EE. UU)

Universidade Internacional do Cuanza. Cuito (Angola)

Colaboran:

Centro de Investigación en Tecnología Industrial de Cantabria (CITICAN)

Grupo de Investigación IDEO (HUM 660) - Universidad de Jaén

Centro de Innovación y Transferencia Tecnológica de Campeche (CITTECAM) – México.

Portada: Represa de Itaipú (Paraguay).

MLSER es una publicación científica que se edita dos veces al año, meses de junio y diciembre.

SUMARIO • SUMMARY • RESUMO

▪ Editorial	230
▪ La identidad y la pluralidad dentro de la convivencia escolar en la escuela rural colombiana.....	232
Identity and plurality within the school coexistence in the colombian rural school <i>Jeimy Del Pilar Pulga, María Angeles Diaz Linares. Universidad Internacional Iberoamericana, México / Conserjería de Educación, España.</i>	
▪ Acceso e inclusión en la educación pública: el dilema de las familias en República Dominicana	256
Access and inclusion in public education: the dilemma of families in the Dominican Republic <i>Freddy José Guzmán, Bárbara Yadira Mellado Pérez. Universidad Internacional Iberoamericana, Republica Dominicana / Universidad Internacional Iberoamericana, México.</i>	
▪ Estudio de caso de un niño con trastorno de competencia opositiva (TCO) en un entorno familiar utilizando música clásica	279
Case study of a child with oppositional challenging disorder (ODD) in a family environment using classic music <i>Jose Antonio Maciel Pereira, Maria Rosa Cunha Klemm. Centro Universitário da Grande Dourados, Portugal.</i>	
▪ El proceso de enseñanza-aprendizaje de la práctica quirúrgica: Una visión desde la gestión de la calidad	294
The teaching process-learning of surgical practice: A view from quality management <i>Blanca Delgado Galindez, Nicolás Padilla Raygoza. Universidad Internacional Iberoamericana, México.</i>	
▪ Diseño Universal para el Aprendizaje (DUA) y su impacto en la educación inclusiva en nivel de formación docente: Revisión sistematizada del período comprendido entre	310
Universal design for learning (UDL) and its impact on inclusive education in teacher training: Systematic review 2016-2022 <i>Maria Margarita Nin Piriz, Martín Eliseo Tamayo Ancona. Universidad Panamericana, Guatemala / Universidad Internacional Iberoamericana, México.</i>	
▪ La comunidad docente del centro universitario regional del este, Uruguay. Un análisis con perspectiva de género.....	325
The teaching community of the eastern regional university center, Uruguay. An analysis with a gender perspective <i>Maria Cecilia Arrarte-Arzola. Instituto de Formación Docente de Uruguay, Uruguay</i>	
▪ Los efectos de la formación continua en la competencia en evaluación de los profesores.....	344
The effects of continuous training on teachers' assessment literacy <i>Luís Miguel Pires Almeida. Escola Superior de Educação Jean Piaget, Portugal.</i>	
▪ Competencias TIC en educación virtual en contextos rurales: un estudio descriptivo en estudiantes del profesorado de Enseñanza Media en Pedagogía y Ciencias Sociales de la Universidad Panamericana	358
ICT competencies in virtual education in rural contexts: a study with High School students in Pedagogy and Social Sciences at Universidad Panamericana	

Sandy Johana García Gaitán, Ana Cristina García Pérez. Universidad Panamericana, Guatemala / Universidad Isabel I, España.

- Importancia de los estilos de aprendizaje como estrategia en la enseñanza en una universidad privada en México 375
Importance of learning styles as a teaching strategy in a private university in Mexico
Juan Carlos Noguez Ortiz. Universidad Anáhuac Querétaro, México.
- Currículum en el contexto escolar: reflexiones sobre la práctica contemporánea..... 391
Curriculum in the school context: reflections on contemporary practice
Meyre Ane Sampaio Moreira. Universidade do Estado da Bahia, Brasil.
- Proyecto formativo para el desarrollo de habilidades investigativas en Ciencias Naturales en estudiantes del Bachillerato ecuatoriano..... 406
Training project for the development of investigative skills in Natural Sciences in Ecuadorian high school students
Elizabeth Natali Martínez Martínez, Selena Hernández Benítez, Betty Dalila Sinaluiza Vichisela, Patricia Cecilia Jiménez Guananga, Dayami Álvarez Ayala. Alfonso Laso Bermeo, Ecuador / ACAI-Center, Ecuador.
- Evaluación de la percepción de docentes universitarios tras la implementación de un fondo de pensiones para garantizar la estabilidad del sistema de pensiones en una universidad pública de México..... 423
Evaluation of the Perception of University Lecturers following the Implementation of a Pension Fund to Ensure Stability in the Pension System at a Public University in Mexico
Miguel Ángel Ortiz Gil, Myrna Iselda Maravert Alba, Claudia Lizbeth Reyes Montúfar, Mónica Irasu Cardona Alvarado. Universidad de Guanajuato, México / Universidad Veracruzana, México.



Diversity in educational research perspectives continues to be the keynote in this final issue of 2024. It begins by addressing the issue of identity and plurality as part of school coexistence in a rural context in Colombia, within the official proposal of the Ministry. It is based on a qualitative experience. The results highlight the importance of recognition of self and other as part of the acceptance of difference between people.

In the Dominican Republic, the study on access and inclusion in public education is an interesting vision based on compulsory schooling as a challenge for the country's education system. SISNAE, a computerized tool to optimize the admission process to Dominican public compulsory schooling, is used as a basis. The research follows a qualitative methodology through observations, interview, questionnaire and document analysis. The results suggest that the use of software to automate the process of access and admission to compulsory schooling has a positive impact on families, especially those who are economically disadvantaged.

The following study deals with a case of a child with Oppositional Competing Disorder (OCD) in a family setting, using classical music. It is based on the method of the Austrian pedagogue Jacques Dalcroze, who proposes the use of three basic evaluation domains for the success of a musical pedagogical intervention: rhythm, solfège and improvisation. Specifically, the child had body movements influenced by the music and understanding of the score, but without being able to mark the beats with the use of the hands and with restricted musical externalization through the tactile-motor sense. The presence and motivation given by the father is seen as a success factor.

Dedicated to the teaching and learning process there are several contributions. The first from surgical practice and quality management, a study in higher education. The design was descriptive and documentary and the findings highlighted the importance of integration between surgical education and practice, and the need for significant changes in training. The relevance of critical analysis and personal reflection in the educational process was emphasized. On the other hand, the Universal Design for Learning (UDL) and its impact on inclusive education at the teacher education level are analyzed through a systematic review of the period from 2016 to 2022. Twenty-five articles were obtained referring to educational experiences developed at the tertiary level, and more specifically, in teacher training. This review led to the conclusion that the use of SAD in the classroom has a positive impact on educational inclusion and allows for quality education and educational continuity.

On the other hand, the gender perspective is addressed in a study conducted in the teaching community of the university center in Uruguay, which analyzes the participation of women in the center and compares gender relations. The main conclusion is that in the CURE vertical segregation, the accumulation of women in positions and lower levels of stratification of scientific systems, and their consequent underrepresentation in higher hierarchical positions, is deepening.

The effects of continuing education on teachers' competence in evaluation are analyzed, in another article, in relation to the deficiencies frequently observed in initial training. A study was carried out with the participation of 253 teachers who teach in the Pedagogical Zone of Lisbon and the Setúbal Peninsula (Portugal), who answered a questionnaire. The results highlight that teachers who attended specific courses on evaluation obtained significantly higher results than teachers who did not participate in

such training.

Another study analyzes the ICT competencies in the modality of virtual education in rural contexts of the students of the Secondary School Teaching Program in Pedagogy and Social Sciences of the Faculty of Education Sciences of Universidad Panamericana. In this case, the approach is quantitative and the instrument is a questionnaire. The results in the analysis show that students mostly perceive themselves with an intermediate level in ICT skills and knowledge, using virtual learning environments with WhatsApp and email, among others.

Learning styles are analyzed with the intention of proposing teaching strategies that promote meaningful learning and improvements in academic performance. The Honey - Alonso Questionnaire of Learning Styles (CHAEA) was used. It is found that all learning styles are present in the sample of students. It was also identified that a student with less developed learning styles can obtain higher grade point averages than those students with more developed learning styles.

The curriculum in the school context is the subject of another study, in this case focused more on reflecting on contemporary practice. The main motivation was to investigate the selection of contents by teachers working in a specific school of the municipal educational network of Salvador-Ba. Questionnaires were administered to teachers and staff. There was a contradiction between what is said and what is done, impacting teaching practice and, consequently, student learning.

The scientific training of students is a requirement in most countries. In the case of Ecuador, there is a normative declaration on the scientific and integral education of students in different areas. In order to confirm this fact, a project in the area of Natural Sciences was investigated at the high school level of an educational unit. The results allow asserting the significance and sufficiency of the project for the development of research skills in students, and the scientific and technological learning required.

The evaluation of the perception of university professors after the implementation of a pension fund to guarantee the stability of the pension system in a public university in Mexico, shows that at the University of Guanajuato (UG), the existence of this fund can reduce the subsidy currently covered by the institution, thus giving solidity to the university and that the academic staff is in agreement with its creation and operation for the welfare of job stability.

Antonio Pantoja Vallejo
Editor Jefe / Editor in chief / Editor Chefe