

Part A. PERSONAL INFORMATION

CV date

25/01/2021

First and Family name	M. ^a Lourdes MONTES RAMÍREZ		
ID number	18.007.570 L	Age	61
Researcher codes	Open Researcher and Contributor ID (**)	0000-0003-0628-2582	
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(**) <i>Mandatory</i>	WoS Researcher ID (*)	K-3542-2017	

A.1. Current position

Name of University	Universidad de Zaragoza (1987-1996 Univ. País Vasco/EHU)		
Department	Ciencias de la Antigüedad. Área: Prehistoria. Facultad de Ciencias Humanas y de la Educación		
Address and Country	Plaza Constitución, s/n. 22001 Huesca		
Phone number	974292583 // 649333725	E-mail	lmontes@unizar.es
Current position	Prof Titular de Prehistoria	From	1991
Key words	Palaeolithic, Mesolithic, Landscape Archaeology, Ebro Basin		

A.2. Education

PhD, Licensed, Graduate	University	Year
Doctora en Historia	Universidad de Zaragoza	1988
Licenciada en Geografía e Historia, sección Historia	Universidad de Zaragoza	1981

A.3. General indicators of quality of scientific production

- 4 six-year periods of research activity (last obtained in June 2015)
- PhD supervisor: 3 (+ 3 ongoing)
- 1.323 citations Google Scholar (593 since 2016) (217 in SCOPUS)
- 24.534 WOS impact points; 6.045 SCOPUS
- h-index: 21 Google Scholar; 8 SCOPUS.
- i10-index: 47 (20 since 2016, Google Scholar)

Part B. CV SUMMARY (*max. 3500 characters, including spaces*)

Associate Professor of Prehistory since 1991 (University of País Vasco; from 1996 in the University of Zaragoza), with 4 six-year periods of research and six five-year teaching periods obtained. I have held several academic offices: Secretary (1991-1994) and Director of Department (1994-1996), Doctoral program coordinator (1993-1995) at the UPV/EHU; Secretary of Faculty (1999-2001), Erasmus Program coordinator (2001-2012), University Master coordinator (2011-2013) and Doctoral Program coordinator (since 2016) in Unizar.

My research interest involves several prehistoric periods into the Ebro Basin, and combines laboratory and fieldwork activities, always focused in the complex nature of the relationships among humans, environment and climate, so within a context of multidisciplinary work and from a territorial perspective, which links me to the line of Landscape Archaeology. I have directed dozens of archaeological fieldwork campaigns (excavations and surveys), namely in the Pre-Pyrenean Ranges, where I focused my Master Thesis (topic: Neolithic to Early Bronze Age) in 1984.

As a member of the Prehistory research team at Unizar since the early eighties, I belong to the Research Group First Dwellers of the Ebro Basin since its formation in 2003, and to the University Institute of Environmental Sciences since 2014. I've been a member of nine ministerial research projects as a full-time researcher; and I also participate (partial-time) in (paleo)environmental projects headed by members of CSIC institutes (IPE, CREAM-CEAB).

As Principal Investigator I have been responsible for some projects aimed to highlighting the contacts between the two slopes of the Pyrenees during prehistory: I held in 2011 a FEDER project (with the Musée d'Arudy) focused in the site of Poeymaü (Pyrénées-Atlantiques, France), and I have been the regional coordinator of two CTP research networks (PrehistoPyr, 2011-2012 and PalMesoPyr, 2013-2014).

In my predoctoral training, I specialized in lithic typology and technology at the *Institut du Quaternaire* (Bordeaux, 1985) and the Univ. of Zaragoza, where I obtained my PhD in 1988 (topic: Mousterian in the Ebro Basin). I excavated with P. Utrilla the Moros de Gabasa cave,

that has been object of several specialized researches, and Fuente del Trucho and Toros de Cantavieja caves, and from 2013, with R. Domingo, Roca San Miguel, a singular Mousterian campsite in the heart of the Cinca-Segre area.

Another topic of research, which started already with my Master Thesis, focuses on the Mesolithic-Neolithic transition. During the late eighties I excavated the Pontet rockshelter (with C. Mazo), in the classic Mesolithic-Neolithic territory of Bajo Aragón. With R. Domingo, I've headed since 1999 the research program carried out in the Pre-Pyrenean Arba de Biel Valley, where up to five sites from the Magdalenian to the Calcholitic offer precious data to understand the Final Pleistocene to the Middle Holocene period, and between 2013-2015, we excavate Espantalobos, a Mesolithic occupation outside the usual territories for this chronology.

Finally, I've authored several monographs that cover a wide chronological span; I've published about a hundred papers or book chapters, in Spanish and international journals, and I've presented more than 70 communications in national and international conferences.

Part C. RELEVANT MERITS

C.1. Publications (*maximum 10*)

1. **L. Montes**, M. Sebastián, R. Domingo, S. Beguería, J.M. García-Ruiz, 2020. Spatial distribution of megalithic monuments in the subalpine belt of the Pyrenees: Interpretation and implications for understanding early landscape transformation. *Journal of Archaeological Science: Reports* 33 102489 1-14. doi.org/10.1016/j.jasrep.2020.102489
2. A. Alday, A. Soto, **L. Montes**, R. Domingo, P. Utrilla, 2020. Del Pleistoceno al Holoceno en el valle del Ebro. Industrias, cronología y territorio. In Román, García-Argüelles y Fullola (coords) *Las facies microlaminadas del final del Paleolítico en el Mediterráneo ibérico y el Valle del Ebro*. Monografies del SERP 17, 61-116. ISBN: 987-84-944730-8-1
3. A. Soto, R. Domingo, L.M. García-Simón, A. Alday, **L. Montes**, 2020. For a fistful of geometric microliths: Reflections on the Sauveterrian industries from the upper and middle Ebro Basin (Spain). *Quaternary International* 564: 61-74. doi: 10.1016/j.quaint.2019.09.044
4. **L. Montes**, L., Domingo, R., Laborda, R., Lanau, P., Villalba-Mouco, V., Gisbert, M., Sebastián, M., 2019. Le canyon de la Pardina et ses estives. Approche archéologique d'un territoire de haute montagne dans le Parc National d'Ordesa et du Mont Perdu (Huesca, Espagne). In M. Deschamps, S. Costamagno, P-Y. Milcent, M. Pétilon, C. Renard, N. Valdeyron (dirs.), *La conquête de la montagne : des premières occupations humaines à l'anthropisation du milieu*, Paris, Éditions du CTHS, 25 pp ISBN électronique : 9782735508846 <http://books.openedition.org/cths/6937>
5. P. González Sampériz, **L. Montes**, J. Aranbarri, ... J.M. García-Ruiz, 2019. Escenarios, tiempo e indicadores paleoambientales para la identificación del Antropoceno en el paisaje vegetal del Pirineo central (NE Iberia). *Cuadernos de Investigación Geográfica* 45: 167-193. <http://doi.org/10.18172/cig.3691> (10 autores, 2/10)
6. A. Alday, R. Domingo, M. Sebastián, ... **L. Montes**, J.L. Peña-Monné, 2017. The silence of the layers: Archaeological site visibility in the Pleistocene-Holocene transition at the Ebro Basin. *Quaternary Science Reviews* 184: 85-106. doi:10.1016/j.quascirev.2017.11.006 (10 autores, 9/10)
7. M. Alcolea, R. Domingo, R. Piqué, **L. Montes**, 2017. Landscape and firewood at Espantalobos Mesolithic site (Huesca, Spain). First results. *Quaternary International* 457: 198-210. doi.org/10.1016/j.quaint.2016.10.007
8. **L. Montes**, R. Domingo, P. González-Sampériz, M. Sebastián, J. Aranbarri, P. Castaños, L.M. García-Simón, M. Alcolea, R. Laborda, 2016. Landscape, resources and people during the Mesolithic and Neolithic times in NE Iberia: The Arba de Biel Basin. *Quaternary International* 403: 133-150. doi: 10.1016/j.quaint.2015.05.041
9. **L. Montes**, R. Domingo, M. Sebastián, P. Lanau, 2016. Construyendo un paisaje. Megalitos, arte esquemático y cabañeras en el Pirineo central. *ARPI. Arqueología y Prehistoria del Interior Peninsular* 4, 248-263.
10. **L. Montes**, R. Domingo, J.L. Peña-Monné, M.M. Sampietro-Vattuone, R. Rodríguez-Ochoa, P. Utrilla, 2016. Lithic materials in high fluvial terraces of the central Pyrenean piedmont (Ebro Basin, Spain). *Quaternary International* 393: 70-82. doi:10.1016/j.quaint.2015.03.042

C.2. Research projects (maximum 10)

Directed as PI

- CTPR4/12: *PALMESOPYR: Entre el Ebro y el Garona, los Pirineos durante el Paleolítico y el Mesolítico*. IP Aragón: L. Montes Researchs: 8. Start-End: 01/01/2013-15/11/2014 . COMUNIDAD DE TRABAJO DE LOS PIRINEOS
- CTPR06/10. *PREHYSTOPYR. Proyecto de Red Hispano-Francés para el desarrollo de la investigación científica sobre los Pirineos Prehistóricos...* IP Aragón: L. Montes. Researchs: 7. Start-End: 01/01/2011-31/12/2012 COM. TRABAJO DE LOS PIRINEOS
- I-2011/013. *La Prehistoria Pirenaica y el sitio del Poeymaü*. Researchs: 2. Start-End: 01/01/2011-31/12/2011 FONDOS FEDER (Aragón-Aquitania)

Ministry Research Projects: as research team (MINECO, DGICYT...10 since 1987)

- HAR2017-85023-P: *Gaps and Sites. Vacíos y ocupaciones en la Prehistoria de la Cuenca del Ebro*. Start-End: 01/01/2018-31/12/2020. (IP: C. Mazo; IP2: R. Domingo)
- HAR2014-59042-P: *Transiciones climáticas y adaptaciones sociales en la Prehistoria de la Cuenca del Ebro*. Start-End: 01/01/2015-31/12/2017. (IP: P. Utrilla, IP2: C. Mazo)
- HAR2011-27197 *Repensando viejos yacimientos ampliando nuevos horizontes en la Prehistoria del Valle Medio del Ebro* Start-End: 01/01/2012-31/12/2014 (IP: P. Utrilla)
- HAR2008-05451 *La movilidad en el Valle Medio del Ebro: del Paleolítico superior al Neolítico*. Start-End: 01/01/2009-31/12/2011. (IP: Utrilla)

Other research projects (as research team):

- PCR *Préhistoire ancienne de la vallée d'Ossau. Paléoenvironnement et sociétés de chasseurs-collecteurs dans le piémont pyrénéen*. UMR TRACES Univ. Toulouse/CNRS (IP: J.M. Pétilon.) Start-End: 12/02/2019-12/02/2021. DRAC Région Nouvelle-Aquitaine
- 2013-998. *Análisis ecológico de la culturización del paisaje de alta montaña desde el neolítico: los parques nacionales de montaña como modelo*. CREAM-CSI (IP: J. Catalán). Start-End: 01/01/2014-31/12/2016. ORG. AUT. PARQUES NACIONALES
- D.G.A. PI089/09. *Clima y patrones de ocupación humana en las sierras turolenses durante el Holoceno temprano*, Instituto Pirenaico Ecología-CSI (IP: Blas Valero); Start-End: 01/10/2009-30/09/2011. GOBIERNO DE ARAGÓN

C.3 Financed Research Groups: Membership

- H14_R17, Gobierno de Aragón *Primeros Pobladores del Valle del Ebro (PPVE)*. Start-End: 2017- today (IP: P. Utrilla) (before, H-07, Start-End: 2003-2016)
- *Instituto Universitario de Investigación en Ciencias Ambientales* (Univ. Zaragoza). From 2014 - today (IP: G. Cuenca) (L. Montes, Coord, of the Heritage strategic Section)

C.4 Asistencia Congresos (maximum 10) (number of oral communications / poster)

- 2018 XVIII Congrès UISPP (Paris) (5/1)
- 2018 Workshop *Las facies microlaminadas del final del Paleolítico en el Mediterráneo Ibérico y el Valle del Ebro* (Villafranca del Cid) (1)
- 2018 60th Hugo Obermaier Society Annual Meeting (Tarragona) (2)
- 2017 PAGES -Past Global Changes- 5th Open Science Meeting (Zaragoza) (1/1)
- 2017 *Circulations montagnardes, circulations européennes*. 142 Cong CTHS (Pau) (5)
- 2016 MEDINE'S Conference (*Late Glacial to Early holocene socio-ecological responses to climatic instability within the Mediterranean basin*) (Tarragona) (1)
- 2015 10th International Symposium on Knappable Materials (Barcelona) (3)
- 2014 XVII Congreso UISPP (Burgos) (6)
- 2011 XVIII INQUA Congress (Berna) (1)
- 2010 Eight International Conference on the Mesolithic in Europe (Santander) (1)

C.5 Supervision of PhD Thesis and Bachelor (TFG) and Master Thesis (DEA or TFM)

- 2020. Alejandro Sierra Sainz-Aja. Domesticación y primeras prácticas ganaderas en los Pirineos centrales. Una aproximación desde la arqueozoología y la biogeoquímica (PhD, Ss cum laude)
- 2018. Rafael Laborda Lorente. El Neolítico antiguo en el Valle Medio del Ebro. Cerámica decorada y dilataciones radiocarbónicas entre 5600-4800 cal BC. (PhD, Ss cum Laude)
- 2018. Luis M. García Simón Sílex y territorio en la Cuenca del Ebro: los sílex Monegros y Evaporítico del Ebro vs. las variedades locales durante la Prehistoria (PhD, Ss cum laude)
- 2018 Luis M. Jiménez Ruiz. El Magdaleniense Superior/Final de Chaves (Huesca): los núcleos del nivel 2b. Análisis de los sistemas de producción lítica (TFM, MHonor)
- 2016. Laura Roy Serrate. *Estudio paleontológico de la fauna del nuevo yacimiento del Pleistoceno superior de Roca San Miguel (Arén, Huesca)* (TFG Geología, Notable)
- 2015. Pedro Callizo Pérez. *Cuevas artificiales denominadas “cuevas fecundantes” en los husun musulmanes de los ss. VIII-X en el entorno de la comarca Hoya de Huesca. Revisión histórico-arqueológica* (TFM, MHonor)
- 2013. Teresa Usieto Gracia. *Sociedades Tribales Norteamericanas. Una re-visión literaria crítica* (TFM, Sobresaliente)
- 2013. Héctor Arcusa Magallón. *Las cerámicas neolíticas del abrigo de Valmayor XI* (DEA, Sobresaliente)

C.6 ANEP / AEI (National Research Department)

- Member of the Evaluating Commission (Postdoctoral formation program, History and Art area); 2013 and 2014, Agencia Nacional de Evaluación y Prospectiva
- Agencia Estatal de Investigación. Project evaluator, National Plan of R&D and Innovation, from year 2014.

C.7 Research activities management

- Organization, *5th Open Science Meeting PAGES Zaragoza 2017. Global challenges for our Common Future: a paleoscience perspective*. Zaragoza, 9-13 mayo 2017
- Organization, *Colloque A6b, XVII Congress UISPP (The management of resources and territories in the Pyrenees from the earliest human occupation to the end of the Protohistory. A behavioral perspective)* Burgos, septiembre 2014
- Organization, sectorial meetings in Aragón of the CTP research networks *PrehistoPyr* (2012) and *PalmesoPyr* (2014).

C.8 Editorial committees and revisions

- Editorial committee member of the journals *Saldvie*, *Bolskan* and *Pirineos*,
- Revisor of the journals *Munibe*, *Pyrenae*, *Trabajos de Prehistoria*, *Saguntum*, *Zephyrus*, *Cuadernos de Información Geográfica*, *Quaternary International*, *Journal of Archaeological Science: Reports* and *Catena*
- Revisor of two books chapters: *Sourcebook of Paleolithic Transitions*. 2006, Springer, New York (G. Washington University, USA)
- Revisor of 3 book chapters *The Mediterranean from 50000 to 25000 BP. Turning Points and New Directions*. 2005, Oxbow Books (UK)

C.9 Archaeological surveys and excavations (directed)

- More than 50 archaeological fieldwork campaign in 19 different sites
- Middle Paleolithic: Gabasa cave; Toros de Cantavieja rock shelter; Fuente del Trucho cave and Roca San Miguel settlement.
- Upper Palaeolithic: Fuente del Trucho cave; Cova Alonsé and Legunova rock-shelters.
- Mesolithic: Cova del Llop and Pontet rock-shelters in Bajo Aragón; Peña-14, Legunova, Valcervera and Rambla de Legunova rock-shelters in Biel; Espantalobos rock shelter in Hoya de Huesca.
- Neolithic and Chalcolithic: Rambla and Paco Pons rock shelters in Biel; Drólica and Cristales caves in Prepyrenean Ranges.
- Recent periods: Andalusian Wall and other some roman urban excavations in Huesca, and Olriols Iberian-Roman village.