MINISTERIO DE CIENCIA E INNOVACIÓN

Cofinanciado por la Unión Europea

AGENCIA ESTATAL DE INVESTIGACIÓN

CURRICULUM VITAE (CVA)

AVISO IMPORTANTE – El Curriculum Vitae no podrá exceder de 4 páginas. Para rellenar correctamente este documento, lea detenidamente las instrucciones disponibles en la web de la convocatoria.

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website

Fecha del CVA	04/05/2023

Parte A. DATOS PERSONALES

Nombre	Laura		
Apellidos	Rodríguez García		
Sexo (*)	F	Fecha de nacimiento (dd/mm/yyyy)	
DNI, NIE, pasaporte			
Dirección email	lrodg@unileon.es	URL Web	
Open Researcher and Contributor ID (ORCID) (*)		**0000-0002-5090-1582**	

** datos obligatorios*

A.1. Situación profesional actual

Puesto	Contratado Doctor Básico		
Fecha inicio	21/04/2023		
Organismo/ Institución	Universidad de León		
Departamento/ Centro	Departamento de Biodiversidad y Gestión medioambiental		
País	España	Teléfono	9432
Palabras clave			

A.2. Situación profesional anterior (incluye interrupciones en la carrera investigadora, de acuerdo con el Art. 14. 2.b) de la convocatoria, indicar meses totales)

Periodo	**Puesto/ Institución/ País / Motivo interrupción**
01-09-2021	Profesor Ayudante Doctor (Universidad de León, España) Promoción
01-11-2020	Profesor Visitante (Universidad de León, España).
2016-2021	Profesor Universidad Privada (Universidad Isabel I, España) Cambio de institución
2014-2015	Contrato Postdoctoral Universidad de Burgos (España). Fin de contrato
2009-2012	Contrato predoctoral Fundacion Atapuerca-UBU (España). Fin de contrato
2006-2008	Contrato predoctoral Fundación Siglo-UBU (España). Fin de contrato

(Incorporar todas las filas que sean necesarias)

A.3. Formación Académica

Grado/Master/Tesis	**Universidad/Pais**	**Año**
Licenciado en Biologia	Universidad de Oviedo (España)	1998
Doctor en Paleontología	Universidad de Burgos (España)	2013

(Incorporar todas las filas que sean necesarias)

Parte B. RESUMEN DEL CV *(máx. 5000 caracteres, incluyendo espacios):* ***MUY IMPORTANTE: se ha modificado el contenido de este apartado para progresar en la***

adecuación a los principios DORA. Lea atentamente las "Instrucciones para cumplimentar el CVA"

Degree in Biology from the University of Oviedo in 1998 and a PhD from the University of Burgos on 10/24/2013 in the international doctorate program with an outstanding cum laude distinction. This thesis was awarded by the Royal Academy of Doctors of Spain in the 2014 Scientific Contest for the Humanities section, as well as the special Prize for the doctorate of the University of Burgos. During my doctorate, I completed several stays abroad (Mercyhurst College, Erie Pennsylvania; Museum of Man in Paris; Sapienza University in Rome, Liverpool John Moores University), which facilitated the acquisition of knowledge and important contacts. I completed a post-doctoral stay at the Department of Anthropology at the University of California (January 2017) and the Department of Applied Forensic Sciences at Mercyhurst University (August 2017). I have been a professor in the degrees of Human Nutrition, Sciences applied to Sport, and Criminology, in addition to the Master's in Scientific Dissemination and Teacher Training at Isabel I University (Burgos, Spain). I also collaborate in teaching the Master's in Human Evolution at the University of Burgos, and currently (since 21/04/2023), I am an Assistant Professor in the Physical Anthropology Area at the University of León.

Since the beginning of my career, I have been a co-author of 26 scientific publications indexed in ORCID, in addition to 32 participations in national and international congresses. My main research focuses on the anatomical and evolutionary study of long bones in fossil hominids to infer the morphology and size of the bodies that these fossil individuals had during their lives, as well as to approach their locomotion and manual bilaterality and the difference in the effectiveness of certain movements in relation to modern humans. With this, knowledge has been generated about the composition and body size of humans from the Sima de los Huesos and has been compared with the morphology and body size of anatomically modern humans and Neanderthals. It has been confirmed that the humans from Sima de los Huesos are larger (heavier) than modern humans, similar to Neanderthals, but taller than the latter. In addition, it has been verified that manual bilaterality is similar to ours and that they had greater physical activity than modern humans. As a result, I have collaborated with various research teams in the analysis of long bones from other human species, such as the Bodo and Gombore humerus.

Furthermore, due to my initial focus on dental morphology in paleoanthropology, I have participated in the study of hominid dental pieces in the sites of "El Sidrón" (Asturias), Pinilla del Valle (Madrid), El Gegant (Girona), Qesem (Israel), and Kesem Kebena (Ethiopia).

I actively participate in excavations at Atapuerca (Burgos, Castilla y Leon) and the Excavation of Pinilla del Valle (Madrid). I am a member of the Spanish Society of Physical Anthropology since 1998 and have been accredited by ANECA to Senior Lecturer on 04/12/2022

Parte C. LISTADO DE APORTACIONES MÁS RELEVANTES (últimos 10 años)- *Pueden incluir publicaciones, datos, software, contratos o productos industriales, desarrollos clínicos, publicaciones en conferencias, etc. Si estas aportaciones tienen DOI, por favor inclúyalo.*

C.1. Publicaciones más importantes en libros y revistas con "peer review" y conferencias (last five years)

Baquedano, E., Arsuaga, J.L., Pérez-González, A., Laplana, C., Márquez, B., Huguet, R., Gómez-Soler, S., Villaescusa, L., Galindo-Pellicena, M., **Rodríguez, L.**, García-González, R., Ortega, M.C., Martín-Perea, D.M., Ortega, A.I., Hernández-Vivanco, L., Ruiz-Laso, G., Gómez-Hernanz, J., Alonso-Martín, J.I., Abrunhosa, A., Moclán, A., Casado, A.I., Vegara-Riquelme, M., Álvarez-Fernández, A., Domínguez-García, A.C., Álvarez-Lao, D., García, N., Sevilla, P., Blain, H-A., Ruiz-Zapata, B., Gil-García, M.J., Álvarez-Vena, A., Sanz, T., Quam, R., Higham, T. 2023. A symbolic Neanderthal accumulation of large herbivore crania. Nature

Human Behaviour, *7(3):342-352*. https://10.1038/s41562-022-01503-7. Cited by: (0 Scopus, 04-05-2023) 0 (Web of Sciences, 30-03-2023). JCR: 24.252 (**Q1**, **3/74,** Multidisciplinary sciences). SJR:5.205 (Q1, 1/78, Behavioural Neuroscience). CiteScore: 19.2 (P99, Behavioural Neuroscience), JCI: 4.7 (Q1, 3/135, Multidisciplinary). Author position: 10/34.

García-González, R., **Rodríguez, L.**, Salazar-Fernández, A., Arsuaga, J.L., Carretero, J.M. 2023. Updated study of adult and subadult pectoral girdle bones from Sima de los Huesos site (Sierra de Atapuerca, Burgos, Spain). Anatomical and age estimation keys. Anatomical record, 1-28. https://10.1002/ar.25158. Cited by: 1 (Scopus, 04-05-2023) 0 (Web of Sciences, 16-04-2023). JCR: 2.227 (**Q2**, **9/21,** Anatomy and Morphology). SJR:0.607 (Q2, 12/46, Anatomy). CiteScore: 3.9 (P69, Anatomy), JCI: 1.25 (Q1, 4/24, Anatomy). Author position: 2/5. Correspondence author.

Carretero, J.M., García-González, R., **Rodríguez, L.,** Arsuaga, J.L. 2023. Main anatomical characteristics of the hominin fossil humeri from the Sima de los Huesos Middle Pleistocene site, Sierra de Atapuerca, Burgos, Spain: An update. Anatomical record. https://10.1002/ar.25194. Cited by: 0 (Scopus, 04-05-2023) 0 (Web of Sciences, 16-04-2023). JCR: 2.227 (**Q2**, **9/21,** Anatomy and Morphology). SJR:0.607 (Q2, 12/46, Anatomy). CiteScore: 3.9 (P69, Anatomy), JCI: 1.25 (Q1, 4/24, Anatomy). Author position: 3/4.

Sala, N., Martínez, I., Lorenzo, C., García-González, R., Carretero, J.M., **Rodríguez, L.,** Gómez-Olivencia, A., Aranburu, A., García, N., Quam, R., Gracia, A., Ortega, M.C., Arsuaga,J.L. 2023. Taphonomic skeletal disturbances in the Sima de los Huesos postcranial remains. Anatomical record. https://10.1002/ar.25197.Cited by: 0 (Scopus, 04-05-2023) 0 (Web of Sciences, 16-04-2023). JCR: 2.227 (Q2**,** 9/21, Anatomy and Morphology). SJR:0.607 (Q2, 12/46, Anatomy). CiteScore: 3.9 (P69, Anatomy), JCI: 1.25 (Q1, 4/24, Anatomy). Author position: 6/13.

Lockey, A.L., **Rodríguez, L.,** Martín-Francés, L., Arsuaga, J.L., Bermúdez de Castro, J.M., Crété, L., Martinón-Torres, M., Parfitt, S., Pope, M., Stringer, C., 2022. Comparing the Boxgrove and Atapuerca (Sima de los Huesos) human fossils: Do they represent distinct paleodemes? Journal of Human Evolution 172, 103253. https://doi.org/10.1016/j.jhevol.2022.103253 Cited by: 2. (Scopus, 04-052023). SJR: 3.656 (Q1, 9/93, Anthropology). CiteScore: 6.7 (3/443 Anthropology), JCI: 1.54 (Q1, 15/135, Anthropology and Q1, 7/52 Evolutionary Biology). Author position: 2/10.

García-González, R., **Rodríguez, L.,** Carretero, J.M. 2021. Sexing subadult individuals: what morphological method is the most appropriate? Euroepan Journal of Anatomy. *25: 147-163*. Cited by: 0. (Scopus, 30-04-2023). SJR:10.172 (Q4, 33/46, Anatomy). CiteScore: 0.7 (P28, Anatomy), JCI: 0.23 (Q4, 21/24, Anatomy and Morphology). Author position: 2/3.

García-González, R., Carretero, J.M., **Rodríguez, L.** Arsuaga, J.L. 2019. Two new methodological approaches for assesing skeletal maturity in archaeological human remains based on femoral distal epiphysis. Archaeological and anthropological sciences. https://doi.org/10.1007/S12520-019-00920-6. Cited by: 1 (Scopus, 14-04-2023), 1 (Web of Sciences, 31-12-2022) JCR: 2.063 (18/91, Q1, Anthropology). SJR: 0.78 (33/451, Q1, Anthropology). CiteScore: 2.6 (P89, Anthropology). JCI: 1.47 (22/134, Q1, Anthropology). Author position: 3/4.

García-González, R., Sánchez-Puente, Z, **Rodríguez, L.,** Quam, R., Carretero, J.M. 2019. Hypercementosis of the human mandibular teeth from El Mirón Cave , Cantabria (Spain). Quaternary International. *515,150-158.* https://doi.org/10.1016/J.QUAINT.2018.04.038. Cited by: 5 (Scopus, 14-04-2023), 4 (Web of science, 27-04-2023). JCR:2.003 (114/200, Q3, Geosciences, multidisciplinary).SJR:1.105 (28/163, Q1, Earth-Surface-Processes). CiteScore:4.9 (P85, Earth-Surface-Processes) JCI: 0.77 (105,239, Q2, Geosciences, Multidisciplinary). Author position: 3/5.

C.2. Congresos (last five years)

JIMENEZ MEDEROS, J; **RODRÍGUEZ GARCÍA, L.,** SANTANA CABRERA, J; ENCINOSO, M; CRUZ DE MERCADAL, M.C; MORQUECHO IZQUIER, A; MORENO BENITEZ, M.A.(2022) Título del trabajo: Movilidad y territorio: análisis de las propiedades geométricas femorales de la población aborigen de Gran Canaria (Islas Canarias, España). XXII Congreso de la Sociedad Española de Antropología Física. Santa Cruz de Tenerife 27-29/09/2022.

MUÑOZ-GUARINOS, J., GARCÍA-GONZÁLEZ, R., **RODRÍGUEZ, L.** ARSUAGA, J.L., CARRETERO, J.M. (2021). Ontogeny aspects of femoral mid-neck strength in modern humans and Middle Pleistocene humans from Sima de los Huesos (Atapuerca, Spain) (Poster). European Society for the study of Human Evolution (ESHE) Meeting 2021. Worlwide, online.

SALAZAR-FERNÁNDEZ, A., GARCÍA-GONZÁLEZ, R., **RODRÍGUEZ, L.,** QUINTINO, Y., ARSUAGA, J.L., CARRETERO, J.M. (2021). A 3D geometric morphometric analysis of the scapular glenoid fossa of subadult scapulae from Sima de los Huesos (Sierra de Atapuerca, Burgos, Spain) (Poster). European Society for the study of Human Evolution (ESHE) Meeting 2021. Worlwide, online.

MUÑOZ-GUARINOS, J., GARCÍA-GONZÁLEZ, R., **RODRÍGUEZ, L.** CARRETERO, J.M. (2022). Skeletal evidence of the sexual dimorphism hypothesis for the origin of adolescence (Comunicación Oral). 14th Conference of the Society for the study of Childhood in the past: Valuing children: past and present. Alcalá de Henares (Madrid) (8-10 de noviembre de 2022).

SALAZAR-FERNÁNDEZ, A., GARCÍA-GONZÁLEZ, R., QUINTINO, Y., **RODRÍGUEZ, L.** CARRETERO, J.M. (2022). Shape changes during skeletal development of the upper limb: A three-dimensional geometric morphometric (3D GM) study in immature individuals (Comunicación Oral). 14th Conference of the Society for the study of Childhood in the past: Valuing children: past and present. Alcalá de Henares (Madrid) (8-10 de noviembre de 2022).

C.3. Proyectos o líneas de investigación en los que ha participado (last five years)

Geología, Geocronología y Paleobiología de los yacimientos de la Sierra de Atapuerca VI. Ministerio de Ciencia e Innovación (CGL2015-65387-C3-2P MINECO-FEDER). IP: Juan Luis Arsuaga Ferreras (UCM). 01/01/2016- 31/12/2018.438.746,00 €. Research team.

Geología, Geocronología y Paleobiología de los yacimientos de la Sierra de Atapuerca VII. Ministerio de Ciencia, Innovación y Universidades (MCIU/AEI/FEDER, UE) PGC2018-093925B-C33. IPs: Juan Luis Arsuaga (UCM) y Ignacio Martínez Mendizabal (UAH). 2019-2021.327.000 €. Research team.

Geología, Geocronología y Paleobiología de los yacimientos de la Sierra de Atapuerca, VIII. Ministerio de Ciencia e Innovación MCIN/AEI/10.13039/501100011033/ FEDER, UE. PID2021-122355NB-C31. IPs: Juan Luis Arsuaga (UCM) y José Miguel Carretero (UBU). 2022-2024. 439.656,43€. Research team.

C.4. Participación en actividades de transferencia de tecnología/conocimiento y explotación de resultados *Incluya las patentes y otras actividades de propiedad industrial o intelectual (contratos, licencias, acuerdos, etc.) en los que haya colaborado. Indique: a) el orden de firma de autores; b) referencia; c) título; d) países prioritarios; e) fecha; f) entidad y empresas que explotan la patente o información similar, en su caso.*