

Part A. PERSONAL INFORMATION

CV date	27/11/2023
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First and Family name	Félix Jesús de Paz Fernández		
Social Security, Passport, ID number	09287630T	Age	58
Researcher numbers	Researcher ID	Z-5771-2019	
	Orcid code	0000-0001-9197-7471	

A.1. Current position

Name of University/Institution	University of Valladolid		
Department	Anatomy and Radiology		
Address and Country	c/Ramón y Cajal 7 Valladolid Spain		
Phone number	+34983184898	E-mail	fjpaz@uva.es
Current position	Profesor Titular de Universidad	From	06/11/2002
Espec. cód. UNESCO	2410 (02)		
Palabras clave	Anatomy and Radiology		

A.2. Education

PhD	University	Year
Graduate in Medicine and Surgery	University of Valladolid	1991
Doctor in Medicine and Surgery	University of Valladolid	1999
Graduate in History	University of Valladolid	2006

A.3. JCR articles, h Index, thesis supervised...

- Sexenios reconocidos por la CNEAI: 3 (Último en 2022).

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

Desde mi ingreso en la Universidad de Valladolid, además de impartir docencia en los grados de Medicina y Óptica y Optometría, en el campo de la investigación me he centrado, fundamentalmente, en la neuroanatomía y el estudio físico-antropológico (análisis de restos óseos y cremaciones) colaborando con otras facultades analizando múltiples sitios arqueológicos; y Anatomía Humana, Comparada y Evolutiva. En cuanto a la Anatomía Humana, se han formalizado múltiples contratos al amparo del art. 83 en cursos de especialización de habilidades quirúrgicas con cadáveres. Además, trabajando con los profesores Pastor y Barbosa de la Universidad de Valladolid y colaborando con diversas universidades nacionales y extranjeras (Barcelona, Howard (Washington, EE.UU.), Carolina del Sur (EE.UU.) y Kentucky (EE.UU.)), hemos publicado numerosas publicaciones en revistas internacionales y diversos atlas anatómicos, publicados varios de ellos en EE.UU. Nuestro proyecto es seguir trabajando en Anatomía Comparada, colaborando con profesores de la Universidad de Barcelona y la Universidad Howard de Washington (EE.UU.) fundamentalmente con primates. Hemos constituido un GIR de la Universidad de Valladolid: "Osteología y Anatomía Comparada" para seguir trabajando en esta línea, así como en la Degeneración y Regeneración del Sistema Nervioso.

Part C. RELEVANT MERITS

C.1. Publications (including books)

1. M. De Diego, A. Casado, M. Gómez, N. Ciurana, P. Rodríguez, Y. Avià, E. Cuesta, N.

- García, I. San José, M. Barbosa, **F. J. De Paz**, J. F. Pastor, J. M. Potau. "Elbow extensor muscles in humans and chimpanzees: adaptations to different uses of the upper extremity in hominoid primates". *Animals* 2022, 12, 2987. <https://doi.org/10.3390/ani12212987>. Published: 30-10-2022 [Indicios de calidad: [IF=3.0; Ciencias veterinarias 13/143 (**Q1, D1**) **JCR@, 2022**]
2. "Comparative anatomy of the ligaments and muscles of the radiocarpal joint in chimpanzees and humans". *American Journal of Biological Anthropology*. Article ID: AJPA24490. DOI: 10.1002/ajpa.24490. Aceptado: 10-01-2022. [Indicios de calidad: [IF=2,868 15/93 *Anthropology*; 13/52 *Evolutionary Biology* (**Q1**) **JCR@, 2020**]
 3. F. Lizaraso, E. Gutiérrez, J. Bustamanten, D. Martín, M.M. Chimenno, Á. Nava, Á. Maurtua, D. Fernández, E. Bustamante, F. J. de Paz, J. Grande, C. Ochoa, M. Pascual F. Javier Álvarez and F. Herrera. "Binding Potassium to Improve Treatment With Renin-Angiotensin-Aldosterone System Inhibitors: Results From Multiple One-Stage Pairwise and Network Meta-Analyses of Clinical Trials". *Frontiers in Medicine*, Volume 8, 19 August 2021, <https://doi.org/10.3389/fmed.2021.686729> Indicios de calidad: [IF=5.091 28/169 *Medicina, General e Interna* (**Q1**) **JCR@, 2020**]
 4. C. Bernuy, H. Chehade, Y.D. Muller, J. Vionnet, F. Cachat, G. Guzzo, C. Ochoa, F.J. Álvarez, D. Teta, D. Martín, M. Adler, F.J. de Paz, F. Lizaraso, M. Pascual. F. Herrera. "The Inhibition of Complement System in Formal and Emerging Indications: Results from Parallel One-Stage Pairwise and Network Meta-Analyses of Clinical Trials and Real-Life Data Studies". *Biomedicines* 2020, ISSN 2227-9059, 8, 355; doi:10.3390/biomedicines8090355. [Indicios de calidad: [IF=4.717 30/138 *Medicine, Research and Experimental* (**Q1**) **JCR@, 2019**].
 5. Casado A, Punsola V, Gómez M, De Diego M, Barbosa M, De Paz FJ, Pastor JF, Potau JM: "3D geometric morphometric analysis of the distal radius insertion sites of the palmar radiocarpal ligaments in hominoid primates". *American Journal of Physical Anthropology*. DOI: 10.1002/ajpa.23885. (2019);1-13. ID: AJPA23885 [Indicios de calidad: [IF=2.662 *Anthropology* 14/90 (**Q1**) **JCR@, 2019**].
 6. J. M. Potau, R. Artells, C. Muñoz, J. Arias-Martorell, J. F. Pastor, F. de Paz, M. Barbosa, G. Bello-Hellegouarch, A. Pérez-Pérez: "Quantification of myosin heavy chain isoforms mRNA transcripts in the supraspinatus muscle of vertical clinger primates". *FOLIA PRIMATOLOGICA*. DOI: 10.1159/000485246. (2018); 88:497-506. **Q2 JCR@, 2018**.
 7. J.M. Potau, J. Arias-Martorell, G. Bello-Hellegouarch, A. Casado, J.F. Pastor, F. de Paz and R. Diogo: Inter- and Intraspecific Variations in the Pectoral Muscles of Common Chimpanzees (*Pan troglodytes*), Bonobos (*Pan paniscus*), and Humans (*Homo sapiens*). *BioMed Research International*. doi.org/10.1155/2018/9404508. Ed. HINDAWI LTD. Londres, 2018. ISSN: 2314-6133. **Q1 JCR@, 2018**.
 8. Potau JM, Casado A, De Diego M, Ciurana N, Arias-Martorell J, Bello-Hellegouarch G, Barbosa M, De Paz FJ, Pastor JF, Pérez A.: "Structural and molecular study of the supraspinatus muscle of modern humans (*Homo sapiens*) and common chimpanzees (*Pan troglodytes*)". *AJPA* (2018). **Q1 JCR@, 2018**.
 9. Pérez M, De Paz FJ, Manzano F, Fadrique A, Bartolomé C: "General anaesthesia associated with rectus sheath blockade in a dystrophic epidermolysis bullosa patient scheduled to laparoscopic ovarian cystectomy". [Regional Anesthesia and Pain Medicine (IF= 3.459, **Q1, JCR**), Vol 41, number 5, supplement 1, pp: 140-141 sept-october 2016].
 10. Diogo R, Pastor F, De Paz F, Potau J, Bello G, Ferrero E and Fisher R: "The head and neck muscles of the serval and tiger: homologies, evolution and proposal of a mammalian and a veterinary muscle ontology". *The ANATOMICAL RECORD* 295: 2157-2178, 2012. **Q1 (JCR@)**
 11. Potau, JM, Artells, R, Bello, G, Muñoz, C, Monzó, M, Pastor, JF, De Paz, FJ, Barbosa, M, Diogo, R, Wood, B. "Expression of myosin heavy chain isoforms in the supraspinatus muscle of different primate species: implications for the study

of the adaptation of primate shoulder muscles to different locomotor modes". Int Journal Primatology 32:931-944, 2011. **Q1 (JCR®)**

C.2. International congresses

- 1- MA Galán-Martín, F Montero-Cuadrado, MC Coca-López, J Hurtado-González, JC Larren-Fraile, **F de Paz-Fernández**: "Educación en neurociencia del dolor y programa de ejercicio físico en pacientes con dolor crónico de espalda. Ensayo clínico aleatorizado" (oral communication). I CONGRESO INTERNACIONAL DE FISIOTERAPIA FTP18, celebrado el 4 y 5 de mayo de 2018 (Barcelona).
- 2- **De Paz FJ**, Potau JM, San José I, Cabo R, Barbosa M, Galán MA, Montero F, Pérez M: "Clinical Anatomy of the Stellate Ganglion in Menopausal Symptoms Treatment" International Congress of Anatomía Clínica (EACA 2019), Madrid, June from 24th to 26th, 2019. (PUBLICADO en Surgical and Radiologic Anatomy, JCR Q4, volume 41. Issue 10, p. 1278. October 2019).
- 3- García N, **De Paz, FJ**, Murciego P: "Intervention in Dysphagia Based on Anatomical Knowledge". International Congress of Anatomía Clínica (EACA 2019), Madrid, June from 24th to 26th, 2019. (PUBLICADO en Surgical and Radiologic Anatomy, JCR Q4, volume 41. Issue 10, p. 1278-79. October 2019).
- 4- Galán MA, Montero F, De Luis R, Pérez M, **De Paz FJ**: "Evaluation of Brain Changes Produced by a Program of Education in Pain and Physical Exercise in patients with Chronic Pain. Research Project". International Congress of Anatomía Clínica (EACA 2019), Madrid, June from 24th to 26th, 2019. (PUBLICADO en Surgical and Radiologic Anatomy, JCR Q4, volume 41. Issue 10, p. 1265-66. October 2019).
- 5- San José I, López M, **De Paz FJ**, Cabo R.: "The Anatomy in the TFG (End-of-Degree Project) of Nutricion. International Congress of Anatomía Clínica (EACA 2019), Madrid, June from 24th to 26th, 2019. (PUBLICADO en Surgical and Radiologic Anatomy, JCR Q4, volume 41. Issue 10, p. 1269. October 2019).
- 6- Cabo R, **De Paz FJ**, G^a-Mesa Y, G^a-Piqueras J, G^a-Suárez O, Pastor JF, Vega JA.: "Ultrastructure of Common Chimpanzee (*Pan troglodytes*) Glabrous Skin Sensory Formations". European Federation of Primatology and Primatological Society of Great Britain's Joint International Conference (EFP-PSGB 2019), OXFORD (GREAT BRITAIN), Monday, 9th of September, 2019.
- 7- Casado A, Pastor JF, **De Paz FJ**, Llorente M, Riba D, Potau JM: "Sexual dimorphism in the insertion sites of the palmar radiocarpal ligaments in hominoid primates" ICVFM 2020 XIV. International Conference on Vertebrate Functional Morphology (CERTIFICATE OF BEST PRESENTATION AWARD).
- 8- Casado A, Pastor JF, **De Paz FJ**, Potau JM: "The insertion sites of the palmar radiocarpal ligaments in Australopithecus afarensis (AL 288)" Conference ESHE (European Society for the Study of Human Evolution), september 2020. DOI: 10.13140/RG.2.2.32531.50728
- 9- Casado, A; Potau, J.M.; Gómez. M.; De Paz, F.J.; Barbosa, M.; Pastor, J.F.: "Modularity analysis of the scaphoid and lunate articular surfaces of the distal radius in hominoid primates" VI Iberian Primatological Conference, Burgos (Spain), 4-7 de oct 2017.
- 10- Potau, J.M.; Casado, A.; Gómez, M.; Arias-Martorell, J.; Bello-Hellegouarch, G.; Barbosa, M.; De Paz, F.J.; Pastor, J.F.: "Anatomical variations of the pectoralis minor muscle in hominoid primates" VI Iberian Primatological Conference, Burgos (Spain), 4-7 de oct 2017.

C.3. Research projects and grants

1. Investigador del proyecto: "Brain-fingerprint basado en RM Multimodal para la predicción individual en neuroimagen". Entidad financiadora: Agencia Estatal de Investigación; fondos FEDER; Unión Europea; MICINN. Ministerio de Ciencia e Innovación. Código: PID2021-124407NB-I00. IP: Rodrigo de Luis García (PI 1), Antonio Tristán Vega (PI 2). Fecha inicio:

01/09/2022. Fecha fin: 31/08/2025.

2. Investigador del proyecto: "Resonancia Magnética de Difusión para Medicina Personalizada: del Análisis a la Predicción. Aplicación al Estudio de la Migraña". Investigadores principales: Santiago Aja Fernández y Antonio Tristán Vega. Referencia: RTI2018-094569-B-I00. Convocatoria 2018 de Proyectos I+D+i "Retos Investigación" del Programa Estatal de I+D+i Orientada a los retos de la Sociedad. Ministerio de Ciencia, Innovación y Universidades.
3. Project reference: CGL2014-52611-C2-2-P. Title: Adaptations of the musculoskeletal system of the anterior limb of primates to different types of locomotion: evolutionary and functional implications. Principal investigator: Josep Maria Potau Ginés. Financing entity: Ministry of Economy and Competitiveness. Duration: 01/01/2015 - 31/12/2017. Financing received (in euros): € 60,000
4. Coordinator of the Teaching Innovation Project: "Anatom-Uva: a virtual environment for learning Anatomy". Evaluated as "outstanding" in 2016-17 and as "excellent" in 2017-18, by the Vice-Rector for Academic Organization of the University of Valladolid.
5. MAIN RESEARCHER of the Subproject "Human Paleontology and Animal Vaccea" (PAHUANIVAC) within the COSIMVA R + D + i Research Project: "Vacceas Worldview and Symbology. New Perspectives of Analysis ". Aid for Research Projects of the Ministry of Science and Innovation, triennium 2011-2013, reference number: HAR2010-21745-C03-01 and Prof. Carlos Sanz as principal investigator of the project. Amount: 92 565 euros.

C.5. Doctoral Theses directed

1. "Comparative Anatomy of the Muscular System of the Posterior Extremity in Superior Primates". Eva M. Ferrero Infestas. At the University of Valladolid on July 29, 2011. Directed by: J.F. Pastor, F.J. de Paz and M. Barbosa. (Excellent Cum Laude.)
2. "Education in pain neuroscience and physical exercise for chronic back pain. Intervention from primary care physiotherapy units". M.Á. Galán Martín. At the University of Valladolid on July 16, 2020. Directed by: F.J. de Paz, A. Mayo and A. Corell (Excellent Cum Laude).
3. "Contributions of information and communication technologies, and manufacturing, to clinical practice and teaching in medicine. Two proofs of concept" by Juan Calabia del Campo. Dir: R. de Luis, F.J. de Paz and C. Alberola (07-22-2021. Excellent Cum laude).
4. "La hiperkalemia del enfermo cardio-renal: un obstáculo franqueable con nanofármacos" de Frank Lizaraso Soto. Directores: F.M. Herrera Gómez y F. J. de Paz Fernández (Defensa: 21-03-2023, Sobresaliente *Cum laude*).
5. "Propuesta de un nuevo biomarcador para los trasplantados renales sobre la base del estudio de tecnologías de salud codependientes" de Águila Flores, Waldo Emerson del. Directores: F. J. de Paz Fernández y Francisco M. Herrera Gómez. (Defensa: 18-10-2023, tesis por compendio de publicaciones).

C.6. Awards

1. Prize for the best work of ecography in regional anesthesia, "POCUS, tool to consider in peroperative hemodynamic management" Pérez, M; Martínez, A; De Paz, FJ; Fernández-Caballero, S; Pastor, JF; Fajardo, M, García, D. 26ª Reunión Anual ESRA-España, July-2020.
2. Best presentation award poster "Sexual dimorphism in the insertion sites of the palmar radiocarpal ligaments in hominoid primates" Casado A, Pastor JF, De Paz FJ, Llorente M, Riba D, Potau JM. XIV International Conference on Vertebrate Functional Morphology (ICVFM), June, 2020.
3. Selected among the 30 best works to be eligible for the PRIZE for the best poster at the 23rd ESRA-Spain Annual Meeting, Madrid (September 27-29, 2017): "Efficacy of BRILMA in the prevention of chronic postoperative pain in non-reconstructive oncological surgery of mom". Pérez, M; De Paz, F.J.; Cocho, S; Muñoz, MF; Barbosa, M; Pastor, J.F.
4. Award for Educational Innovation 2018 Social Council of the University of Valladolid for the project: "Anatom-Uva: a virtual environment for the learning of Anatomy".