



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE \_\_\_\_\_6402\_\_\_\_\_

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di BIOSCIENZE

Scientist- in - charge: \_\_\_\_\_ PROF. CLAUDIO BANDI \_\_\_\_\_

[Name and surname]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	RAMIREZ RAMIREZ
Name	JUAN PABLO

### PRESENT OCCUPATION

Appointment	Structure

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	BIOLOGY	UNIVERSIDAD DE LOS ANDES	2017
Specialization			
PhD	EVOLUTIONARY BIOLOGY	SAN DIEGO STATE UNIVERSITY- UNIVERSITY OF CALIFORNIA RIVERSIDE	2023
Master			
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	of Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
SPANISH	NATIVE
ENGLISH	FLUENT
GERMAN	A1 LEVEL

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2016	BEST UNDERGRADUATE THESIS AWARD IN BIOLOGY, UNIVERSIDAD DE LOS ANDES (BOGOTÁ, COLOMBIA)

## TRAINING OR RESEARCH ACTIVITY

<p><b>Employment:</b></p> <ul style="list-style-type: none"><li>• Research Assistant - San Diego State University, Research Foundation, 2021-2023</li><li>• Graduate Teaching Assistant - Principles of Organismal Biology Laboratory, San Diego State University, 2019-2022.</li><li>• Graduate Teaching Assistant - General Biology Laboratory, San Diego State University, 2017-2018.</li><li>• Evolution. Undergraduate Teaching Assistant. Universidad de Los Andes, 2016.</li></ul> <p><b>Research Experience:</b></p> <ul style="list-style-type: none"><li>• San Diego Natural History Museum, San Diego, California. 2023-2024. Duties: prepare, curate and corroborate the identification of specimens of amphibians and reptiles.</li><li>• Laboratorio de Anfibios, Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá, Colombia. 2017. Duties: curating and corroborating identification of specimens of <i>Atelopus</i>.</li><li>• Colección Herpetológica del Museo de Historia Natural, Universidad Industrial de Santander, Bucaramanga, Colombia. 2009, 2012-2017. Duties: curating and corroborating identification of specimens of amphibians and reptiles.</li></ul>
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## PROJECT ACTIVITY

Year	Project



## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
2022	Evolution Conference	Cleveland, Ohio, USA
2021	2021 Joint Meeting of Ichthyologists and Herpetologists	Phoenix, Arizona, USA
2021	Virtual Evolution Conference	N/A
2020	Virtual Ecology and Evolution Conference	N/A
2017	XI Latin American Herpetology Meeting	Quito, Ecuador
2016	First Colombian Herpetological Meeting	Medellin, Colombia
2014	IV Colombian Zoology Congress	Cartagena, Colombia

## PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Lötters, S.; Plewnia, A.; Catenazzi, A.; Neam, K.; Acosta-Galvis, A.; Vela, Y.A.; Allen, J.; Segundo, J.A.; Cabezas, A.A.; Alvarado, G.; et al. (2023). The amphibian extinction crisis is still an emergency. <i>Communications Earth &amp; Environment</i> 4 (412):1-8 ( <b>Ramirez, J.P.</b> is one of the 100+ authors of this paper).
<b>Ramirez, J. P.</b> , T.W. Reeder, and M. J. Spasojevic (2023). Extinction debt and functional traits mediate community saturation over large spatiotemporal scales. <i>Journal of Animal Ecology</i> 92:2228-2239
Collazos, C., A. Navarro-Morales, D.H. Ruiz-Valderrama, <b>J.P. Ramirez</b> , and J.R. Caicedo- Portilla (2022). New records of the introduced gecko <i>Lepidodactylus lugubris</i> (Duméril & Bibron, 1836) (Squamata: Gekkonidae) in Colombia and update of its geographic range in the country. <i>Revista de la Academia Colombiana de Ciencias Exactas Físicas y Naturales</i> 46 (181):959-970
Genty, G., C. E. Guarnizo, <b>J.P. Ramírez</b> , L. Barrientos, and A. J. Crawford (2022). Landscape genetics and species delimitation in the Andean Palm Rocket Frog, <i>Rheobates</i> spp. <i>Journal of Zoological Systematics and Evolutionary Research</i> 2022 (6774225): 1-12.
<b>Ramírez, J.P.</b> , C. A. Jaramillo, E.D. Lindquist, A.J. Crawford, and R. Ibañez (2020). Recent and rapid radiation of the highly endangered harlequin frogs ( <i>Atelopus</i> ) into Central America inferred from mitochondrial DNA sequences. <i>Diversity</i> 12 (360):1- 19.
García-Cobos, D., <b>J.P. Ramírez</b> , and D.A. Gómez (2018). New records of <i>Anadia rhombifera</i> (Squamata:



Gymnophthalmidae) from the Central and Eastern Cordilleras of Colombia. <i>Herpetozoa</i> 31(1/2): 91-94.
<b>Ramírez, J.P.</b> (2017). Range extension of <i>Pristimantis uisae</i> (Lynch, 2003) (Anura: Craugastoridae) in the Cordillera Oriental of Colombia. <i>Check List</i> 13(4): 25-30.
Anganoy-Criollo, M., and <b>J. P. Ramírez</b> (2017). New records of <i>Pristimantis carranguerorum</i> (Anura: Craugastoridae) from the Eastern Cordillera of Colombia. <i>Check List</i> 13(3): 2138.
<b>Ramírez, J. P.</b> , M. P. Ramírez-Pinilla, and J. E. Ortega (2012). <i>Bolitoglossa nicefori</i> Brame and Wake. <i>Catalogue of American Amphibians and Reptiles</i> 883: 1-3.

Congress proceedings
<b>Ramírez, J.P.</b> and T.W. Reeder (2022). Exploring the Drivers of Phylogenomic Incongruence in the Hyper-diverse Neotropical Snake Family Dipsadidae. <b>Presentation.</b> Evolution conference 2022.
<b>Ramírez, J.P.</b> , T.W. Reeder and M. Spasojevic (2021). Exploring the Role of Long-term Dispersal in Determining the Species Richness and Trait Space of Communities of Neotropical Snakes (Dipsadidae). <b>Presentation.</b> 2021 Joint Meeting of Ichthyologists and Herpetologists, Phoenix, Arizona, United States.
<b>Ramírez, J.P.</b> and T.W. Reeder (2021). Evaluation of the Influence of Climate on Species Richness Patterns in the Hyper-diverse Neotropical Snake Family Dipsadidae. <b>Online presentation.</b> Virtual Evolution 2021.
<b>Ramírez, J.P.</b> (2020). The role of increased dispersal in determining the species richness and niche space of biological communities: an approximation using snakes of the family Dipsadidae. <b>Online presentation.</b> Virtual Ecology and Evolution Conference.
<b>Ramírez, J.P.</b> , A.J. Crawford, C. Jaramillo and R. Ibañez (2017). Filogenética y biogeografía de las altamente amenazadas ranas arlequines ( <i>Atelopus</i> ) de Centroamérica inferidas por secuencias de genes mitocondriales. <b>Presentation.</b> XI Latin American Herpetology Meeting, Quito, Ecuador.
<b>Ramírez, J. P.</b> and E. Bernal (2016). Lista anotada y clave de los anuros de la superfamilia Brachycephaloidea de la Cordillera Oriental de Colombia. <b>Poster.</b> First Colombian Herpetological Meeting, Medellín, Colombia.
<b>Ramírez, J.P.</b> , S. B. Arroyo., M. Targino and F. Meza-Joya (2016). Evidencia molecular y morfológica soporta la existencia de diversidad críptica en las poblaciones colombianas de <i>Pristimantis w-nigrum</i> (Anura: Craugastoridae). <b>Presentation.</b> First Colombian Herpetological Meeting, Medellín, Colombia.

## OTHER INFORMATION

<b>Laboratory Skills:</b> DNA extraction, amplification, and purification Euthanizing and preserving specimens of Amphibians, Reptiles, and Insects
<b>Software skills:</b> R, SAM (Spatial Analysis in Macroecology), PAUP* (Phylogenetic Analysis Using Parsimony* and other methods), PartitionFinder2, RaxML (Randomized Accelerated Maximum Likelihood), RaxML-NG (RaxML Next Generation), Garli (Genetic Algorithm for Rapid Likelihood Inference), Beast (Bayesian Evolutionary Analysis by Sampling Trees), Beast2, MrBayes, IQ-TREE2, StarBEAST2, Phyluce and ipyrad (Interactive assembly and analysis of RADseq datasets) toolkits.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.



# UNIVERSITÀ DEGLI STUDI DI MILANO

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: \_\_\_\_\_ SAN DIEGO \_\_\_\_\_, \_\_\_\_\_ 17/02/2024 \_\_\_\_\_