

Curriculum vitae - Paula A. Rodríguez Zorro

Place and date of birth: Sogamoso (Colombia) – 1st December 1987

e-mail: paularsat@gmail.com; paula.rodriguez@biologie.uni-goettingen.de

Website: <http://www.uni-goettingen.de/de/476829.html>

Profile

I'm a biologist with palynological background. My interests are related with changes in vegetation during the Holocene in South American tropics and their responses to human impact and climatic drivers using multi proxy analysis (Loss on Ignition, X-Ray fluorescence spectrometry, charcoal and macro remains).

Academic background

- **Georg August Universität Göttingen**
PhD student
Project: Late Quaternary vegetation and climate dynamics in western Amazonia
Supervisor: Hermann Behling
Financial support: DAAD-Colfuturo scholarship
Duration: November 2013-present.
Location: Georg-August University Göttingen, department of palynology and climate dynamics, Germany.
- **National University of Colombia**
Biologist
Thesis: Changes in estuarine vegetation at Cispatá bay (Colombia) - six months.
Supervisor: Dr. Jesús Orlando Rangel
Bogotá, 2011

Research experience

- July 2014-October 2014** Researcher-Enhancing palaeoenvironmental reconstructions in Argentina. A bilateral programme for co-operative research between Germany and Argentina (PROALAR), funded by DAAD and MINCYT, 2013-2014; led by *Sonia Fontana* (Germany) and *Silvina Stutz* (Argentina). <http://www.uni-goettingen.de/de/423131.html>
- February-April 2013** Researcher-Non remunerated investigation: Palynological analyses with advanced technics. Led by: *Hermann Behling*- Georg-August University Göttingen, Germany
- September 2011- November 2012** Researcher at:
1. Characterization of the biota and the physical environment in areas under jurisdiction of CORPOCESAR by scientific research

2. Assessment of the Colombian Caribbean Biodiversity: Synthesis about knowledge and environmental services (CO₂ capture).

Led by: Jesús Orlando Rangel- Laboratory of Palynology. Natural Sciences institute. National University of Colombia

Conferences and workshops

- 31 August - 4 September 2015** *Conference:* GfÖ annual meeting: Ecology for a sustainable future. Poster: “Mid-Holocene vegetation changes in northwestern Amazonia inferred from Serra do Tepequém, the Brazilian Tepuis in Roraima State”. Göttingen, Germany.
- 16-22 August 2015** *Workshop:* Cross-disciplinary Palaeo-environmental research training (XPERT) network 2015. Led by: *William Gosling*. Palaeoecology & landscape ecology- Institute for biodiversity & ecosystem dynamics, University of Amsterdam. Amsterdam, Netherlands.
- 27 July - 2 August 2015** *Conference:* XIX INQUA Congress Quaternary Perspectives on Climate Change, Natural Hazards and Civilization. Poster: “Changes in vegetation and climate using multi-proxi analysis in south and northwestern Brazilian Amazon during the mid and late Holocene”. Nagoya, Japan.
- 6-10 July 2015** *Workshop:* Macro rest analysis and cultivation history. Led by *Felix Bittman*-Georg-August University Göttingen, department of palynology and climate dynamics, Germany
- 4-15 August 2014** *Workshop and poster presentation:* Quaternary palaeoecology: reconstructing past environments. A Latin American workshop sponsored by PAGES. Led by: *Sonia Fontana and Keith Bennett*. Poster: “Changes in vegetation and climate using multi-proxy analysis in an oxbow lake in southwestern Amazonia during the late Holocene”. Mar del Plata, Argentina.
- 9-11 July 2014** *Conference:* LOTRED-SA 3rd International Symposium. Climate change and human impact in Central and South America over the last 2000 years Observations and Models. Poster “Changes in vegetation and climate using multi-proxy analysis in an oxbow lake in southwestern Amazonia during the late Holocene”. Medellín. Colombia.
- 7-8 July 2014** *Pre-congress training course-* LOTRED-SA 3rd International Symposium. Climate change and human impact in Central and South America over the last 2000 years Observations and Models. Medellín, Colombia.
- 16-20 June 2014** *Workshop:* Handling and numerical analysis of palaeoecological data. Led by: *Thomas Giesecke*- Georg-August University Göttingen, department of palynology and climate dynamics, Germany.
- 4-8 March 2013** *Workshop:* Multivariate Analysis Course in Palaeoecology. Led by: *Valério De Patta Pillar*- Georg-August University Göttingen, department of palynology and climate dynamics, Germany.
- 15-16 September 2011** *Conference:* International symposium about biodiversity of Colombian

Caribbean. Poster: "Cambios en la vegetación de estuario en la bahía de Cispatá, Cordoba-Colombia"Valledupar, Colombia.

22-26 August 2011 Workshop of palynology: applications on paleobiology and petroleum industry. Led by: *Carlos Jaramillo, Felipe de la Parra* and *Milton Rueda*. Piedecuesta, Colombia

Teaching experience

26 January-6 February 2015 *Coordinator and lecturer*. Amazon rainforest-savanna dynamics during the late quaternary. Pollenanalytische Übungen WS 2014/2015. Led by: *Hermann Behling*.
Workload: 80 hours

12-24 May 2014 *Laboratory and lecturer assistant*-Biologische Spurenkunde-Modul Palynologie und Makrorestanalys. Led by: *Nele Jantz and Hermann Behling*.
Workload: 40 hours

27 January- 7 February 2014 *Laboratory and lecturer assistant* .Pollenanalytische Übungen WS 2013/2014. Led by *Hermann Behling*
Workload: 80 hours

Publications

Rodríguez-Zorro, P.A, Enters, D., Hermanowski, B., Costa, M.L., Behling, H., 2015. Vegetation changes and human impact inferred from an oxbow lake in southwestern Amazonia, Brazil since the 19th century. *Journal of South American Earth Sciences* 62, 186-194.

García-M,Y.,Rangel-Ch,O. & **Rodríguez, P.** 2013.Cambios en la vegetación y el clima durante los últimos 200 años en ciénagas del sur del departamento del cesar. In: Colombia diversidad biótica XIII. Complejo cenagoso Zapatosa y ciénagas del sur del Cesar, biodiversidad, conservación y manejo. Rangel-Ch, O (Ed). Universidad Nacional de Colombia, Instituto de Ciencias Naturales, Bogotá

Palacios,L., **Rodríguez, P** & Rangel-Ch, O. 2012. Cambios en el clima y en la vegetación de ambientes estuarinos de la bahía de cispatá (córdoba - caribe colombiano). In: Colombia diversidad biótica XII. La region caribe de Colombia. Rangel-Ch, O (Ed). Universidad Nacional de Colombia, Instituto de Ciencias Naturales, Bogotá.

References

Prof.Dr.Hermann Behling. Department of Palynology and Climate Dynamics, Georg August University Göttingen, Germany. phone: +49-(0)551/39-5728, e-mail:hbehlin@gwdg.de.

Dr. Jesús Orlando Rangel-Ch. ICN, National University of Colombia, Bogotá, Phone: (571) 3 165000 (Ext. 11512), e-mail: jorangelc@gmail.com.

Dr. Sonia Fontana. Department of Palynology and Climate Dynamics, Georg August University Göttingen, Germany, phone: +49-(0)551/39-10317, e-mail: Sonia.Fontana@biologie.uni-goettingen.de.