



Curriculum Vitae of Natalia Zoe Joelson

Grupo Ecología de Invasiones INIBIOMA-
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Education

- **Graduate in Biological Sciences**, October 2021
UNIVERSIDAD DEL COMAHUE, S.C. de Bariloche, Rio Negro, Argentina
Currently my thesis is underway for corrections. The average of my grades is 9,38 and the historical average of grades in my major is 7,65. I was awarded with a Friends of Fulbright Scholarship to take a course of Plant Physiology in the University of Massachusetts in Amherst. Beyond that, I did internships related to endophyte fungi, invasion ecology and plant-fungal interactions.
- **Scholarship “Friends of Fulbright”**, March 2018
UNIVERSITY OF MASSACHUSETTS, Amherst, Massachusetts, USA
- **Naturalist Tour Guide**, September 2015
INSTITUTO DE EDUCACIÓN SUPERIOR TÉCNICO PROFESIONAL
Mention for the best grades in my major

Academic experience

September 2020 – Current

Contributing Author | IPBES (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services) | Remote

Compiling and unifying information from different data-bases. Reference : Martín Núñez,
nunezm@gmail.com

March 2018 – December 2018

Teaching Assistant | General Ecology for Biology major, Universidad Nacional del Comahue | S.C de Bariloche

Assisting classes and guiding students for their experimental work for the subject.

March 2018 – June 2019

Internship | INTA (National Institute of Technology and) | Animal Health Department | PICT 2017-0900 "Intoxicación por plantas en Patagonia: Caracterización morfológica toxigénica y molecular de hongos endófitos asociados" General Ecology for Biology major, | S.C de Bariloche

Isolating cultures of endophyte fungi from plant seeds. Collecting field samples. DNA extraction.

March 2018 – June 2019

Internship | University of Tennessee | Ecology and Evolutionary Biology Department | Project name: "Caracterización y efectividad de las áreas protegidas: estudio comparativo de comunidades de micromamíferos" Año 2016| S.C de Bariloche

Setting traps for small mammals and measuring features when trapped. Collecting field samples.

December 2015 – Current

Naturalist Tour Guide | Free-Lance | Nahuel Huapi National Park| Los Glaciares National Park| S.C de Bariloche

Leading boat and hike tours within the National Parks. Sharing information about native ecosystems for national and international visitors. Reference: Espacio S.A, Gonzalo Bettini, gbettini@islavictoriayarrayanes.com, (+54)2944698913- Kawen Adventure Company, Maribel Lon (+54) (294) 4290594

Scientific and outreach publications

- Martinez, A., Robles, C. A., Roper, J. M., Gardner, D. R., Neyaz, M. S., Joelson, N. Z., & Cook, D. (2019). Detection of swainsonine-producing endophytes in Patagonian *Astragalus* species. *Toxicon*, 171, 1-6.
- Martinez, A., Joelson, N. Z., Bain, L., y Robles, C. A. (2020) Nuestros yuyos que matan. Asociaciones plantas-hongos toxicas para el ganado. Desde la Patagonia 17(29) 2-9

- Bladauskas, M., Fioroni, F., Joelson, N. Z., Nunes, C. I. y Stecconi, M. (2021) Plantas patagónicas en red, una experiencia virtual en tiempos de pandemia. Desde la Patagonia 18 (31) 46-47.

Languages

FIRST CERTIFICATE IN ENGLISH. Council of Europe Level B2. ESOL Examinations. University of Cambridge. 3/12/2012

Other skills

Recognition and Identification of native and exotic plants and fungi of Patagonia

I took many optional courses during my major to improve my knowledge about the native and exotic species of plants and fungi in Patagonia. Besides, I'm a naturalist tour guide and I enjoy working in the field so I have a deep understanding of ecosystems in Patagonia.

R programming language and biostatistical analysis

In my major I took specific classes to learn R programming language. I also developed my biostatistical skills while doing my thesis and being part of the RLadies independent study group.

Further trainings and participations

II INTERNATIONAL SYMPOSIUM: MYCORRHIZAL SYMBIOSIS.

COLABORATOR. CONICET PATAGONIA NORTE. UNIVERSIDAD NACIONAL DEL COMAHUE. S.C Bariloche. Marzo 2018.

CIRCUITO VERDE (Local Environmentalist NGO)

Co-founder and member of leading team.

Extension projects and social work in Universidad del Comahue

"Intercambio de saberes en el Barrio Nahuel-Hue" Año 2017

"Feria de Plantas Solidaria" Año 2016-2019

"Reutilización de bagazo cervecero en alimentación humana" Año 2020