

FELIPE ALEJANDRO BALOCCHI SCHALCHLI

felipe.balocchi@gmail.com

EDUCATION

2016	UNIVERSITY OF CONCEPCIÓN FACULTY OF FOREST SCIENCES MSc in Forest Sciences	Concepción, Chile
2013	UNIVERSITY OF CONCEPCIÓN FACULTY OF FOREST SCIENCES Plant Biotechnology Engineering	Concepción, Chile
2007	KINGSTON COLLEGE SCHOOL Secondary education	Concepción, Chile

WORK EXPERIENCE

Oct. 2014 – Jul. 2017	FOREST PATHOLOGY LAB, FACULTY OF FOREST SCIENCES, UNIVERSITY OF CONCEPCIÓN Research assistant project “FIC-R Transfer: Center for diagnosis and management of diseases and pests” (“Centro de diagnóstico y manejo de enfermedades y plagas”). Responsible for: Samples collection and field work. Samples processing in the laboratory, bibliographic research and elaboration of diagnostic reports. Diffusion of laboratory services to small and medium size forest owners.	Concepción, Chile
Sep. 2015 – Jul. 2017	FOREST PATHOLOGY LAB, FACULTY OF FOREST SCIENCES, UNIVERSITY OF CONCEPCIÓN Research assistant in joint project of the University of Concepcion and the agricultural and forestry company CAF El Alamo. “Epidemiology and control of canker and leaf spot caused by <i>Septoria musiva</i> in poplar plantations”. Responsible for: Field work and evaluation of disease in stands. Information processing and reporting.	Concepción, Chile
May. 2016 – Jul. 2017.	FOREST PATHOLOGY LAB, FACULTY OF FOREST SCIENCES, UNIVERSITY OF CONCEPCIÓN Research assistant in joint project of the University of Concepción and Forestal Mininco SA. Etiology of the death of branches of <i>Araucaria araucana</i> in native forests belonging to Forestal Mininco S.A. Responsible for: Planning and implementation of phytosanitary assessment methodologies in the field and photographic follow-up of symptoms. Collection and analyses of samples in the laboratory. Information processing, reporting and rendering.	Trongol Alto, Chile

Aug. 2012- Jul. 2017	<p>FACULTY OF FOREST SCIENCES, UNIVERSITY OF CONCEPCIÓN</p> <p>Teaching assistant courses:</p> <p>Plant health and Seed selection and germination techniques: for the undergraduate carrer Plant biotechnology engineering</p> <p>Forest health: for the undergraduate career Forestry Engineering.</p> <p>Responsible for:</p> <p style="padding-left: 40px;">Planning and execution of laboratory activities</p> <p style="padding-left: 40px;">Teaching auxiliary classes and correcting evaluations.</p>	Concepción, Chile
Mar. 2014 – Jul. 2014	<p>TALENTOS UDEC, UNIVERSITY OF CONCEPCIÓN</p> <p>Professor of schoolchildren in the program Talents of U of Concepción.</p> <p>Responsible for:</p> <p style="padding-left: 40px;">Teaching the course "Knowing the world of biotechnology".</p> <p style="padding-left: 40px;">Participate in activities of Talents UdeC program.</p>	Concepción, Chile
Mar. 2011 – Mar. 2014	<p>FOREST PATHOLOGY LAB, FACULTY OF FOREST SCIENCES, UNIVERSITY OF CONCEPCIÓN</p> <p>Voluntary research assistant in project "Development of biotechnological tools for the control of <i>Fusarium circinatum</i> in nurseries of <i>Pinus radiata</i>."</p> <p>Participation on:</p> <p style="padding-left: 40px;">Establishment of greenhouse trials</p> <p style="padding-left: 40px;">Sample processing in laboratory</p> <p style="padding-left: 40px;">Statistical analysis of results.</p>	Concepción, Chile
Dec. 2011- Mar. 2012	<p>SILVO-AGRICULTURAL BIOTECHNOLOGY LABORATORY, FACULTY OF FOREST SCIENCES AND RENEWABLE RESOURCES, AUSTRAL UNIVERSITY OF CHILE</p> <p>Professional practice</p> <p style="padding-left: 40px;">Works in molecular biology with species of the genus <i>Nothofagus</i>.</p> <p style="padding-left: 40px;">Evaluation of <i>Eucalyptus globulus</i> clones with microsatellite multiplex reactions (SSR).</p>	Valdivia, Chile

PROJECTS AWARDED

- Project beneficiary Innova Bío Bío 12.288-EM.TES "Development of microherbicides for forest weeds French broom and Scotch broom". Concepción, Chile, 2013
- Project writing FONDEF ID16I10341 awarded. "Development of bioherbicides for weeds French broom (*Genista monspessulana*), Scotch broom (*Cytisus scoparius*) and gorse (*Ulex europaeus*)". Concepción, Chile, 2016.

ATTENDANCE AT CONGRESSES AND SEMINARS

- Attendance to the seminar "Advances in the determination of the sanitary damage of *Araucaria araucana*". Temuco, Chile, 2017.
- Oral presentation at meeting of "Technical Committee of *Leucoptera sinuella* and other pests of Salicaceae" Topic: "Epidemiology and control of canker and leaf spot caused by *Septoria musiva* in poplar plantations". Talca, Chile, 2017.
- Oral presentation at the XXIV Chilean Congress of Phytopathology. Topic: "Pathogenic fungi associated to weeds *Genista monspessulana* and *Cytisus scoparius* and susceptibility in species of forest interest" Viña del Mar, Chile, 2015.
- Poster exhibition at the 64th Congress of the Chilean Agronomic Society and XXI Chilean Congress of Phytopathology "Fungi associated with seeds of *Nothofagus* spp.". Viña del Mar, Chile, 2013.

PRINCIPAL GRADUATE COURSES

- **"Introduction to Hazardous Substances and Waste Management Plan"**. Dictated by MATPEL UdeC. Concepción, Chile, 2017.
- **"Genetic analysis in phytopathogen populations"**. Dictated by Dr. Eduardo Mizubuti of the Department of Phytopathology of the Federal University of Vicosa - Brazil. Concepción, Chile, 2015.
- **"Phytophthora: Taxonomy, Isolation, Cultivation, Preservation, Pathogenicity and Control"**. Dictated by Dr. Álvaro Figueredo Dos Santos from the agricultural research EMBRAPA Forests. Concepción, Chile, 2013.
- **"Biological Control of Plant Diseases"**. Dictated by Dr. Wagner Bettiol of the agricultural research EMBRAPA Forests. Concepción, Chile, 2013.
- **"Phytophthora spp. : An Ingenious Assassin of Plants"**. Dictated by Dr. Eduardo Mizubuti of the Federal University of Viçosa. Concepción, Chile, 2013.
- **"Evaluation of the Quality of Products Based on *Trichoderma*"**. Dictated by Dr. Wagner Bettiol of the agricultural research EMBRAPA Forests. Concepción, Chile, 2013.

OTHER ACTIVITIES

- Replacement class performance: "Systematics of the Fungi kingdom" of the course of Microbiology I-semester 2017 for the carrer of Plant Biotechnology engineering. Concepción, Chile, 2017.
- Phytosanitary Surveys: "Phytosanitary evaluation of *Austrocedrus chilensis* (Cypress of the Cordillera) forests, with an emphasis on the detection of the oomycete *Phytophthora austrocedrae* and the aphid *Cinara cupressi*". Linares, Chile, 2017.