

# Victor Chamosa Pino

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## EDUCATION

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**Precision Medicine DTP** Sep 2018 - present

*Duguid Lab, University of Edinburgh*

MRC-funded PhD studentship with integrated study.

**Project:** *Neural Correlates of Movement in Motor Cortex*. Supervised by Prof Ian Duguid

**MScR Integrative Neuroscience** Sep 2017 - Aug 2018

*University of Edinburgh*

Overview of the field including taught and research components. Graduated with Merit.

**Project:** *Thalamocortical Control of Skilled Movement*. Supervised by Dr Joshua Dacre and Prof Ian Duguid

**BSc (Hons) Neurosciences** Sep 2013 - Jul 2016

*University of Dundee*

Focused towards pharmacology and chemistry. Attained Upper Second Class (2:1) Honours.

**Honours project:** *Design and Synthesis of N-(4-methylthiazol-2-yl)-2-(6-phenylpyridazin-3-ylthio)acetamide: An Inhibitor of the KCC2 Cotransporter*. Supervised by Dr Art Crossman and Dr Sheriar Hormuzdi

**Anthropology & Cinema (PPD)** Dec 2016 - May 2017

*Universidad Nacional de Educación a Distancia (UNED)*

Short course on film analysis in relation to philosophical and anthropological issues.

## RESEARCH EXPERIENCE

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**Guest Scientist** Oct - Dec 2016

*Institut für Physiologie und Pathophysiologie, Universität Heidelberg*

Studied several aspects of KCC2 cotransporter function, particularly, its energy consumption.

**Research Intern** May - Jul 2015

*Ninewells Hospital Division of Neuroscience, University of Dundee*

Investigated the effects of neonicotinoid pesticides on bumblebee brain function and colony development to determine their relative risk at field-relevant concentrations.

## ADDITIONAL EXPERIENCE

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**Science Editor** April 2015 - 2016

*The Magdalen (DUSA Media)*

Inspected and published articles written by a selection of contributors and myself. My achievements led to my nomination for DUSA Media's 2015-16 Best Media Newcomer award.

**Secretary & Cofounder** Sep 2014 - Oct 2015

*Dundee University Young Researchers Association (DUYRA)*

Various duties including data management, recordkeeping, designing posters and flyers, representing the society at events, and an active role in the approval of group projects.

## SKILLS

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**Laboratory** Microneurosurgical techniques including craniotomy, stereotactic injection, headplate implantation, as well as transcardial perfusion and brain fixation. Behavioural training of head-fixed mice and optogenetic manipulation. Processing and analysis of histological samples. Basic command of cell culture and transfection, organic synthesis, and fluorescence imaging microscopy.

**Computing** Proficient in Adobe Photoshop, Affinity Designer and ImageJ/FIJI. Basic programming skills in MATLAB and L<sup>A</sup>T<sub>E</sub>X.

**Languages** Fluent in English and Spanish, conversational Portuguese

## PUBLICATIONS

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Moffat C, Buckland ST, Samson AJ, McArthur R, **Chamosa Pino V**, Bollan KA, Huang JTJ, Connolly CN. Neonicotinoids target distinct nicotinic acetylcholine receptors and neurons, leading to differential risks to bumblebees. *Scientific Reports*. 2016, 6 (24764): 1-10. doi: 10.1038/srep24764

As well as several journalistic articles published in *The Magdalen*.

## AFFILIATIONS

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**British Neuroscience Association** Sep 2017 - present  
Postgraduate member

**Society for the Neurobiology of Language** Aug 2015 - Aug 2016  
Student member

## REFERENCES

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**Professor Ian Duguid**  
University of Edinburgh  
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**Dr Chris Connolly**  
University of Dundee  
c.n.connolly@dundee.ac.uk