

PERSONAL INFORMATION

Full name Edgar Herrera Delgado

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LANGUAGE QUALIFICATIONS

Spanish Native speaker

English Native speaker

Japanese Elementary level

ACADEMIC BACKGROUND

2015 - **The Francis Crick Institute (London, UK) / King's College London (London, UK)**
MsC/PhD in James Briscoe's group and in Peter Sollich's group

2014 - 2015 **Friedrich Miescher Laboratory of the Max Planck Society (Tübingen, Germany)**
Undergraduate research internship in Patrick Müller's group
Project titled: "Quantitative analysis of BMP patterning in zebrafish development"

2011 - 2015 **National Autonomous University of Mexico (Cuernavaca, Mexico)**
Bachelor in Genomic Sciences, graduated with Honours
Grade: 9.7/10

2008 - 2011 **Instituto D'amicis A.C. (Puebla, Mexico)**
High School diploma
Grade: 9.8/10

SCIENTIFIC CONTRIBUTIONS

2018 Herrera-Delgado E, Perez-Carrasco R, Briscoe J and Sollich P. (2018). Memory functions reveal structural properties of gene regulatory networks. *PLoS Comput Biol.* 14(2):e1006003.

DISTINCTIONS & SCHOLARSHIPS

- 2018** Travel grant from Faculty of Natural & Mathematical Sciences at King's College London to attend European LCG-UNAM Symposium
- 2018** Herrera-Delgado E, et. al. (2018). Chosen for highlight of the month of February in *PLoS Comput Biol*.
- 2017** Diploma of excellent performance in the Undergraduate Program in Genomic Sciences, given to the top 3 students of the program (UNAM). Awarded in 2017.
- 2017** Diploma of excellent performance of year 2015 for Undergraduate Program in Genomic Sciences, given to the top 3 students of the program (UNAM). Awarded in 2017.
- 2017** Travel grant from Faculty of Natural & Mathematical Sciences at King's College London to attend Dynamics of Living Systems EMBO Workshop.
- 2016** Diploma of excellent performance of year 2014 for Undergraduate Program in Genomic Sciences, given to the top 3 students of the program (UNAM). Awarded in 2016.
- 2015 -** International scholarship for PhD studies, awarded by CONCYTEP (Consejo de Ciencia y Tecnología del Estado de Puebla) and CONACYT (Consejo Nacional de Ciencia y Tecnología).
- 2015 -** 4 year PhD studentship awarded by The Francis Crick Institute and King's College London, (London, UK)
- 2014 - 2015** 1 year stipend by the ZAV (Zentrale Auslands Fachvermittlung) for practicums in Germany.
- 2014 - 2015** Undergraduate International Mobility Scholarship of Academic Excellence from the National Autonomous University of Mexico (UNAM). Sponsored by Coca Cola foundation, through "Fundación UNAM".
- 2014 - 2015** Undergraduate Scholarship of Excellency, from the Department of Public Education in Mexico (SEP).
- 2014** Salary Scholarship from the State of Morelos, Mexico.
- 2014** Diploma of excellent performance of year 2012 for Undergraduate Program in Genomic Sciences, given to the top 3 students of the program (UNAM). Awarded in 2014.

- 2013 - 2014** Undergraduate Scholarship of Excellency from the Department of Public Education in Mexico (SEP).
- 2012 - 2013** Undergraduate Scholarship of Excellency from the Department of Public Education in Mexico (SEP).
- 2011** Best grade point average in the group for high school performance (Instituto D'amicis).

CONFERENCES ORGANISED

- 2018** **(upcoming):** Quantitative Systems Biology workshop (QSB2018). November 9. King's College London, London, UK.
- 2017** **Organised:** Quantitative Systems Biology workshop (QSB2017). November 3. King's College London, London, UK.

CONFERENCES ATTENDED

- 2018** **Presented talk:** International Conference for Systems Biology (ICSB). October 27 - November 1. Lyon, France.
- 2018** **Invited for talk:** European LCG-UNAM Symposium 2018 (ELUS). April 19 - April 20. (ENS). Paris, France.
- 2018** **Presented poster:** British Society for Developmental Biology meeting (BSDB). April 15 - April 18. (Warwick University). Coventry, UK.
- 2017** **Presented talk:** Dynamics of Living Systems EMBO Workshop. September 25 - September 29. (Institut d'Etudes Scientifiques de Cargèse). Cargèse, France.
- 2017** **Attended by invitation:** Roche Continents 2017. August 15 - August 21. Salzburg, Austria.
- 2016** **Presented talk:** Computational and Physical Biology Interest Group Afternoon Workshop. December 5. (The Francis Crick Institute). London, UK.
- 2016** **Attended:** Physics of Living Matter 11. September 22 - September 23. (Cambridge University). Cambridge, UK

- 2016** **Presented poster:** 2nd International Summer Symposium on Systems Biology (IS3B), August 2 - August 4. (Instituto Nacional de Medicina Genómica). Mexico City, Mexico.
- 2016** **Presented poster:** Spatially Distributed Stochastic Dynamical Systems in Biology Workshop, June 20 - June 24. (Isaac Newton Institute for Mathematical Sciences, Cambridge University). Cambridge, UK.

COURSES & SUMMER SCHOOLS

- 2015** Machine Learning Summer School, July 13 - July 24 (Max Planck Institute for Intelligent Systems). Tübingen, Germany.
- 2014** Course in Forensic Genomics, imparted by Dr. Bieber and Dr. Ghazani (Harvard Medical School). January 9 - January 16 (UNAM), Cuernavaca, Mexico.
- 2012** Systems Biology workshop. February 6 - May 31, (UNAM) Cuernavaca, Mexico.

TEACHING EXPERIENCE

- 2014** Assistant teacher for linear algebra at Bachelor Level in the Undergraduate Program on Genomic Sciences. February - May (UNAM) Cuernavaca, Mexico.

LABORATORY STAYS

- 2012 - 2014** Modelling of competence decision making in *Bacillus Subtilis*. Enrique Merino's group. September 2012 - May 2014 (Instituto de Biotecnología, UNAM) Cuernavaca, Mexico.

COMPETITIONS

- 2010** 2nd place award, 24th Mexican Mathematical Olympiad "Olimpiada Mexicana de Matemáticas". Ensenada, Mexico
- 2009** 3rd place award, 23rd Mexican Mathematics Olympiad "Olimpiada Mexicana de Matemáticas". Campeche, Mexico

- 2008** Honorific mention, Rioplatense Mathematics Olympiad. “Olimpiada Rioplatense de Matemáticas”.
- 2008** Participation, 8th National Mathematics Olympiad for Secondary School Level Students “Olimpiada Nacional de Matemáticas para Alumnos de Secundaria”. Colima, Mexico