

IDENTIFYING INFORMATION:

NAME: Cantu, Jorge

POSITION TITLE: Director

PRIMARY ORGANIZATION AND LOCATION: Student Center for Science Engagement,
Northeastern Illinois University, Chicago, IL, USA**Professional Preparation:**

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Northwestern University, Chicago, IL, USA	N/A	08/2015	Neur oscie nce
Northwestern University, Chicago, IL, USA	PHD	05/2013	Neur oscie nce
University of Colorado at Colorado Springs, Colorado Springs, CO, USA	BA	05/2007	Biolo gy

Appointments and Positions

- 2023 - present Director, Student Center for Science Engagement, Northeastern Illinois University, Chicago, IL, USA
- 2021 - present Associate Professor, Northeastern Illinois University, Department of Biology, Chicago, IL, USA
- 2017 - 2022 Graduate Program Advisor, Northeastern Illinois University, Department of Biology, Chicago, IL, USA
- 2015 - 2021 Assistant Professor, Northeastern Illinois University, Department of Biology, Chicago, IL, USA

Products**Products Most Closely Related to the Proposed Project**

1. Aoki S, Lewellyn L, Justice S, Mordan-McCombs S, Tewari N, Cantu J, Seiser R, Lakhani A, Kowalski J. Effectiveness of a network Open House model to recruit trainees to post-baccalaureate STEM programs. [Preprint]. 2024 January 09. DOI: 10.1101/2024.01.08.574670
2. Wiwatpanit T, Lorenzen SM, Cantú JA, Foo CZ, Hogan AK, Márquez F, Clancy JC, Schipma MJ, Cheatham MA, Duggan A, García-Añoveros J. Trans-differentiation of outer hair cells into inner hair cells in the absence of INSM1. *Nature*. 2018 Nov;563(7733):691-695. PubMed Central PMCID: [PMC6279423](https://pubmed.ncbi.nlm.nih.gov/31279423/).
3. Miller N, Feng Z, Edens BM, Yang B, Shi H, Sze CC, Hong BT, Su SC, Cantu JA, Topczewski J, Crawford TO, Ko CP, Sumner CJ, Ma L, Ma YC. Non-aggregating tau phosphorylation by cyclin-dependent kinase 5 contributes to motor neuron degeneration in spinal muscular atrophy. *J Neurosci*. 2015 Apr 15;35(15):6038-50. PubMed Central PMCID: [PMC4397602](https://pubmed.ncbi.nlm.nih.gov/254397602/).

4. Remis NN, Wiwatpanit T, Castiglioni AJ, Flores EN, Cantú JA, García-Añoveros J. Mucopolipin co-deficiency causes accelerated endolysosomal vacuolation of enterocytes and failure-to-thrive from birth to weaning. PLoS Genet. 2014 Dec;10(12):e1004833. PubMed Central PMCID: [PMC4270466](#).

Other Significant Products. Whether or Not Related to the Proposed Project

1. Monick S, Mohanty V, Khan M, Yerneni G, Kumar R, Cantu J, Ichi S, Xi G, Singh BR, Tomita T, Mayanil CS. A Phenotypic Switch of Differentiated Glial Cells to Dedifferentiated Cells Is Regulated by Folate Receptor α . Stem Cells. 2019 Nov;37(11):1441-1454. PubMed Central PMCID: [PMC6899875](#).

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to information related to domestic and foreign appointments and positions.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Cantu, Jorge in SciENCv on 2025-05-14 11:33:50