

# Vanessa Arias Casillas

Program Coordinator  
Murty Sunak Quantitative and Computing Lab, Claremont McKenna College  
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## Education

Ph.D.	Information Systems and Technology Claremont Graduate University, Claremont, CA Advisors: Claudia Caceres, June Hilton, Itamar Shabtai Dissertation: Outside the Coffee Belt: A Study on the Suitability and Sustainability of Coffee Plants in California Due to Climate Change Using GIS	2024
M.S.	Information Systems and Technology Claremont Graduate University, Claremont, CA	2022
M.B.A	Business Administration University of Redlands, Redlands, CA	2017
B.A.	Latino Studies San Francisco State University, San Francisco, CA	2010

## Academic Positions

<i>Program Coordinator</i> , Murty Sunak Quantitative and Computing Lab, Claremont McKenna College, Claremont, Ca	2024-Present
<i>Program Assistant</i> , Murty Sunak Quantitative and Computing Lab, Claremont McKenna College, Claremont, Ca	2023-2024
<i>Graduate Fellow</i> , Murty Sunak Quantitative and Computing Lab, Claremont McKenna College, Claremont, Ca	2021-2023
<i>Student Assistant</i> , Educational Opportunity Program, San Francisco State University, San Francisco, Ca	2006-2007

## Teaching Experience

<i>Professor of Practice</i> , Management of Information Systems Semester Course, California Institute of Advanced Management, Alhambra, Ca	2024-Present
<i>Quantitative and Computing Co-curricular Workshops</i> Claremont McKenna College, Claremont, Ca	2021-Present

## Professional Work Experience

<i>School Bookings and Group Sales Specialist</i> , Lewis Family Playhouse, City of Rancho Cucamonga, Rancho Cucamonga, Ca	2013-2020
<i>Administrative Intern</i> , City of Rancho Cucamonga, Rancho Cucamonga, Ca	2018-2018
<i>Paint Associate</i> , Lowe's Companies, Inc., Fontana, Ca	2012-2012
<i>Cashier</i> , Lowe's Companies, Inc., Fontana, Ca	2011-2012
<i>Sales Associate</i> , GameStop, Ontario, Ca	2011-2011

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<i>Independent Sales &amp; Customer Engagement</i> , Remote, San Francisco, Ca	2009-2010
<i>Café Trainer</i> , Seattle's Best Coffee, Borders, San Francisco, Ca	2008-2011
<i>Café Seller</i> , Seattle's Best Coffee, Borders, Rancho Cucamonga, Ca	2007-2008
<i>Sales Floor Retailer</i> , Beyond the Beach, Ontario, Ca	2005-2006
<i>Cook</i> , Sbarro, Ontario, Ca	2005-2005
<i>Server</i> , Sbarro, Ontario, Ca	2005-2005
<i>Cashier</i> , Sbarro, Ontario, Ca	2004-2005

## Community Service

<i>Planner</i> , Compassionate Communities of Healthy RC City of Rancho Cucamonga, Rancho Cucamonga, Ca	2016-2018
<i>Volunteer</i> , Women's Initiative San Francisco, Ca	2008-2009
<i>Volunteer</i> , Mission Cultural Center for Latino Arts San Francisco, Ca	2006-2008

## Professional Society Positions

<i>Campus Champion</i> , Extreme Science and Engineering Discovery Environment High Performance Computing	2021-Present
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## Invited Talks and Presentations

“Spatial OLAP,” Data Warehousing, California State Polytechnic University Pomona, hosted by Dr. Cynthia Cheng

“SQL: Interviewing” Database for Business Analytics, California State Polytechnic University Pomona, hosted by Dr. Cynthia Cheng

“Outside the Bean Belt: A Study on the Suitability and Sustainability of Coffee Plants in Southern California due to Climate Change using GIS,” Diving into Uncharted Waters, AMCIS 2023 Conference hosted by Association for Information Systems (AIS)

Quantitative and Computing Co-curricular Workshops for the Virtual Program Library hosted by Claremont McKenna College’s Alumni and Parent Engagement

## Publications

Kallemeyn, David; Casillas, Vanessa; and Johnson, Frederick K., “From overload to Overlord: reducing cognitive load in a post app-pocalyptic world” (2020). AMCIS 2020 Proceedings. 5.  
[https://aisel.aisnet.org/amcis2020/cognitive\\_in\\_is/cognitive\\_in\\_is/5](https://aisel.aisnet.org/amcis2020/cognitive_in_is/cognitive_in_is/5)

Casillas, Vanessa Arias, “Outside the Bean Belt: A Study on the Suitability and Sustainability of Coffee Plants in Southern California due to Climate Change using GIS” (2023). AMCIS 2023 Proceedings. 3.  
[https://aisel.aisnet.org/amcis2023/sig\\_dsa/sig\\_dsa/3](https://aisel.aisnet.org/amcis2023/sig_dsa/sig_dsa/3)

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## Projects

<i>ArcGIS Advisor</i> , West Valley Water District: Pipeline Network Analysis, Data Science Capstone Claremont McKenna College, Claremont, Ca	2024
<i>Report Builder</i> , Predict Future Patronage at Lewis Family Playhouse Cultural Center City of Rancho Cucamonga, Rancho Cucamonga, Ca	2019
<i>GIS Intern</i> , Healthy RC Safe Routes to School (SRTS) Stainability Program City of Rancho Cucamonga, Rancho Cucamonga, Ca	2018
<i>Team Member</i> , Simulated Phone Company, Capstone University of Redlands, Redlands, Ca	2017
<i>Researcher</i> , Tableau Dashboard and Esri Story Map, Airbnb Los Angeles University of Redlands, Redlands, Ca	2017
<i>Researcher</i> , Marketing Plan, Backyard Bottleshop & Taproom University of Redlands, Redlands, Ca	2016
<i>Creator</i> , Mission District Story Map Zine, Community Project for Mission District San Francisco State University, San Francisco, Ca	2010
<i>Planner and Staff</i> , Women's Initiative Conference San Francisco State University, San Francisco, Ca	2009
<i>Writer</i> , Testimonio, AccionLatina's Los Veteranos Community Oral History Project San Francisco State University, San Francisco, Ca	2009
<i>Planner and Staff</i> , Mission District Community Day of the Dead Event San Francisco State University, San Francisco, Ca	2008

## Honors and Awards

All Star 2014, Issued by City of Rancho Cucamonga, Community Service Department · Aug 2013