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## JUAN MIGUEL ARIAS, Ph.D.

Assistant Professor

Education Department, Colorado College

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### EDUCATION

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- 2020      Ph.D., Education—Developmental and Psychological Sciences  
Stanford University, Graduate School of Education  
*Dissertation title:* Here and back again: Relational pedagogy in informal and  
environmental education  
*Doctoral advisors:* Nicole Ardoin, Amado Padilla
- 2014      M.Sc., Evolutionary & Comparative Psychology—Developmental Concentration  
University of St Andrews  
*First Class Honours*
- 2012      B.A., Neuroscience  
Colorado College  
*magna cum laude* with distinction

### PUBLICATIONS

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#### Refereed Journal Articles

- 2022      **Arias, J. M.** (2022). Humor and humility for inclusive nature education.  
*Environmental Education Research*, 0(0), 1–14.  
<https://doi.org/10.1080/13504622.2022.2094895>
- 2022      Román, D., **Arias, J. M.**, Sedlacek, Q. C., & Pérez, G. (2022). Exploring  
Conceptions of Creativity and Latinidad in Environmental Education Through the  
Lens of Culturally Sustaining Pedagogy. *Review of Research in Education* 46(1),  
32-63. <https://doi.org/10.3102/0091732X221084332>

- 2018 Hawkins, R. X. D., Smith, E. N., Au, C., **Arias, J. M.**, Catapano, R., Hermann, E., Keil, M., Lampinen, A., Raposo, S., Reynolds, J., Salehi, S., Salloum, J., Tan., & Frank, M. C. (2018). Improving the Replicability of Psychological Science Through Pedagogy. *Advances in Methods and Practices in Psychological Science*.
- 2015 Orrego-Cardozo, M., Jiménez-Rodríguez, A., Osorio-Forero, A., Restrepo, F., **Arias, J. M.**, & Tamayo-Orrego, L. (2016). Different brain structures exhibit similar caffeine levels after the administration of a single dose of caffeine / *Estructuras encefálicas distintas muestran concentración de cafeína similar después de la administración de una dosis única*. *Biosalud*, 16(2), 20–27.

### Other Publications

- 2022 **Arias, J. M.**, Drossman, H. (2022). Power & equity in undergraduate environmental education: “Loving critique” at the Colorado College TREE Semester. *Clearing: The Pacific Northwest Journal of Community-based Environmental Literacy Education*.
- 2019 Preschoolers’ moral judgments of environmental harm and influence of perspective-taking. Article review. ChangeScale Environmental Education Research Bulletin, Issue 14.
- Authentic teacher care encourages reflective environmental engagement among minoritized youth. Article review. ChangeScale Environmental Education Research Bulletin, Issue 14.
- Personal dispositions and recycling-related beliefs contribute to overestimation of perceived recycling skills. Article review. ChangeScale Environmental Education Research Bulletin, Issue 13.
- 2016 A. Padilla, & J.M. Arias (2016). Public Report: A Bay Area Mobile Home Park and the Threat of Permanent Closure.

### Book Reviews

- 2015      **Arias, J. M.** (2015). Book Review: Restoring Opportunity: The Crisis of Inequality and the Challenge for American Education. *Hispanic Journal of Behavioral Sciences*, 37(4), 572–580.

## GRANTS AND FELLOWSHIPS

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- 2022      Colorado College Creativity & Innovation Climate Justice Scholarship Grant. \$4,000.
- 2022      Colorado College Creativity & Innovation Climate Justice Curriculum Development Grant. \$2,000.
- 2019      Stanford Diversity Dissertation Research Opportunity (DDRO) Grant. \$2,092.
- 2018      Stanford Diversifying Academia, Recruiting Excellence (DARE) Graduate Fellowship (2018-2020). \$102,000.
- 2015      Stanford GSE Dean’s Collaborative Learning Fund. \$44,300 over 3 years.
- 2014      Gerhard Casper Stanford Graduate Fellowship. \$102,960.  
Enhancing Diversity in Graduate Education Doctoral Fellowship. \$12,800.
- 2013      Scotland’s Saltire Scholarship. \$12,400.
- 2008      Margaret T. Barnes Full-Tuition Scholarship in the Natural Sciences, Colorado College. \$146,000.

## AWARDS AND HONORS

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- 2020      Stanford Haas Center Kennedy-Diamond Award for Excellence in Community Engaged Learning and Research
- 2019      William B. Stapp Student Scholarship, North American Association for Environmental Education
- 2018      Stanford Psychology Department Zimbardo Prize for Excellence in Teaching  
Stanford Alumni Association Community Impact Award
- 2017      Best Student Poster, Young Environmental Scholars Conference
- 2012      Phi Beta Kappa, Colorado College Chapter
- 2011      Psi Chi, International Honor Society in Psychology
- 2010      Mortar Board, National College Senior Honor Society

## INVITED TALKS

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- 2023      Invited Lecturer, “Child & Adolescent Brain Development.” The Chinese University of Hong Kong Faculty of Education, September 18<sup>th</sup>
- Guest Presentation, “Equitable Teaching Practices.” Colorado Springs *Food to Power* workshop facilitator series. Colorado College, July 22<sup>nd</sup>.
- Keynote Speaker, “Axe Sharpening: Undergraduate research in a constantly changing world.” Colorado Springs Undergraduate Research Forum (CSURF), April 22<sup>nd</sup>
- 2021      Invited Panelist, “Working Toward a Just Climate Policy,” *CC Conversations Series*. Colorado College, May 4<sup>th</sup>
- “*Neurociencia afectiva y emociones en el contexto del aprendizaje.*” Universidad Autónoma de Manizales, Coloquio de Neurociencias, Feb. 24<sup>th</sup>
- "Advice for Early-Career Academics: Reflections on Community-Engaged Research." Stanford University Haas Center for Public Service, Feb. 4<sup>th</sup>
- 2017      “Perspective-taking and social bias; The importance of empathy for persuasion and pedagogy.” Colorado College Psychology/Education Departments, Nov. 29<sup>th</sup>
- “Citation managers for organizing and referencing work.” Applied Research Methods in International Comparative Education, Stanford University. Oct. 6<sup>th</sup>
- 2015      “Neural development in adolescence.” Stanford University Teacher Education Program: Adolescent Development & Learning

## CONFERENCE PARTICIPATION

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### Conference Papers

- (2024)      Experiential learning in environmental history: Diversity from margin to center, *American Society for Environmental History*, Denver, CO, April 3-7<sup>th</sup>.

- 2023 Outdoor Campuses in Higher Education: Resources, Opportunities, and Best Practices. *North American Association for Environmental Education (NAAEE) Research Symposium*, October 12<sup>th</sup>
- 2022 Humor and Relational Pedagogy in Critically Conscious Environmental Education. *American Education Research Association (AERA)*, April 25<sup>th</sup>.
- 2019 Pedagogies of Perspective: Enacting Culturally Sustaining Practices in Nature Education. North American Association for Environmental Education (NAAEE) Annual Conference, Lexington, KY.
- 2018 Inequality, belonging, thriving: Latino youth in America's most expensive city. APA Division 45: Society for the Study of Race, Ethnicity, and Culture. UT Austin.
- 2016 Perceived Support within Immigrant Community Predicts School Aspirations and Performance while Self-Affirmation Lowers Adolescent Stress. American Educational Research Association Conference, Washington, D.C.
- 2015 Latinos Living in a Mobile Home Park in a Wealthy Silicon Valley Community Facing Closure. Ethnographic and Qualitative Research Conference, Las Vegas, NV.

### **Conference Posters**

- 2019 Gaining perspective: Insights from a culturally sustaining analysis of qualitative program evaluations. North American Association for Environmental Education (NAAEE) Research Symposium, Lexington, KY.
- 2019 Valuing the Return(s): Culturally Sustaining Care in Nature Education. Children and Nature Network International Conference, Oakland, CA.
- 2017 The Summen Project: Place-Based Education and Outreach Using California Redwoods as a Flagship Species. Young Environmental Scholars Conference, Stanford University.
- The puzzle of switch costs that don't add up: Reconsidering support for the "all or none" hypothesis of inhibitory development. Society for Research in Child Development (SRCD), Austin, TX.

## CUMULATIVE TEACHING EXPERIENCE

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### Assistant Professor, Colorado College Education Department

- (23-24, B7) ED250 *Topics in Education: Outdoor Education & Leadership*, co-taught with Dr. Drew Cavin, Director of Field Study
- (23-24, B5-8) ED495 *Internship in Education*
- (23-24, B5) ED311/PY270 *Educational Psychology*
- 23-24, B2 ED225/EV265 *Critical Foundations of Environmental Education* (TREE)
- 23-24, B1 ED120 *Practicum in Teaching in Environmental Education* (TREE)
- 23-24, SC *Umwelt: Worldviews in ecology & our connections to nature*, Bridge Scholars Program, co-taught with Dr. Maybellene Gamboa, OBE

### Visiting Assistant Professor, Colorado College Education Department

- 22-23, B8 ED572 *Teacher and Teaching Identities* (MAT program)
- 22-23, B7 ED311/PY270 *Educational Psychology*
- 22-23, B5-8 ED495 *Internship in Education*
- 22-23, B4 ED311/PY270 *Educational Psychology*
- 22-23, B2 ED225/EV265 *Critical Foundations of Environmental Education* (TREE)
- 22-23, B1 ED120 *Practicum in Teaching in Environmental Education* (TREE)
- 22-23, SC *Umwelt: The importance of worldviews in ecology, science, & our connections to nature*, Bridge Scholars Program, co-taught with Dr. Maybellene Gamboa, OBE
- 21-22, SB *Quantitative Reasoning 2*, Stroud Scholars Program
- 21-22, B7 ED311 *Educational Psychology*
- 21-22, B6 ED250 *Contemporary Environmental Justice: Education, Policy & Action*
- 21-22, JB ED311 *Educational Psychology*
- 21-22, B2 ED225 *Foundations of Environmental Education*
- 21-22, B1 CC104 *"This Land is Your Land": A critical exploration of environmentalism(s), past and present* (CC FYP)

### Riley Postdoctoral Scholar, Colorado College

- 20-21, SB *Quantitative Reasoning I*, Stroud Scholars Program
- 20-21, SA ED572 *Teacher and Teaching Identities* (MAT program)
- 20-21, B7 ED311 *Educational Psychology*

20-21, B2 ED225 *Foundations of Environmental Education* (TREE)

### **Graduate Teaching, Stanford University**

2020 Instructor of Record. *Shades of Green: Redesigning and Rethinking the Environmental Justice Movements*

2019 Teaching Associate. *Shades of Green: Redesigning and Rethinking the Environmental Justice Movements*

2018 Instructor of Record. *Summer Introductory Psychology*

2018 Graduate Teaching Fellow. *Stanford Psychology One Program*

2017 Graduate Teaching Assistant. *Introduction to Cultural Psychology*

### **INSTITUTIONAL SERVICE (CURRENT INSTITUTION)**

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2023- Co-facilitator, Latine Staff & Faculty Affinity Group, Colorado College

2023- Steering Committee, Colorado College & Catamount Center partnership

2021-22 Curriculum Committee, Stroud Scholars Program, Colorado College

### **COMMUNITY SERVICE**

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2021-23 Board of Directors—Chair, Vida Verde Nature Education, San Gregorio, CA.

2019-21 Board of Directors—Secretary, Vida Verde Nature Education, San Gregorio, CA.

2018-19 School-Community Interpreter (SPA-ENG), Redwood City, CA.

2014-19 School-Community Interpreter (SPA-ENG), Pescadero, CA.

### **SERVICE TO THE PROFESSION & PAST INSTITUTIONS**

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2020 ChangeScale Strategy Group member. ChangeScale Environmental Education.

2019-20 Graduate mentor & program consultant, Stanford GSE IDEAS Program.

2019 Academic volunteer. NAAEE Annual Conference, Lexington, KY.

2015-18 Co-founder, Stanford GSE Graduate Mentorship Program.

2015-17 Coordinator, Stanford-Pescadero Spanish Interpreters Initiative.

2015-17 Co-founder, GSE Student-led Workshops in Methods and Skills (SWIMS).

2015-17 Head Community Associate. Stanford Graduate Life Office.

2016 Scholarship Committee Chair. APA Division 45 Society for the Study of Culture, Ethnicity, and Race Biennial Conference, Stanford University. July 7-9.

2014-16 First-year mentor, Stanford's El Centro Chicano y Latino.

## PROFESSIONAL DEVELOPMENT OF NOTE

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- 2019      *Advanced NVivo Qualitative Coding* Workshop – Noelle Wyman Roth, QSR  
2018      *Building Tidy Tools in R* Workshop – Hadley Wickham, Chief Scientist, RStudio

## AFFILIATED PROFESSIONAL ORGANIZATIONS

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Colorado Alliance for Environmental Education (CAEE)  
North American Association for Environmental Education (NAAEE)  
American Educational Research Association (AERA)  
Society of Research in Child Development (SRCD)  
Association for Psychological Science (APS)  
American Psychological Association (APA)