

Francisco J. Mercado
fjmercado.github.io

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| EDUCATION | University of California, Irvine – Ph.D. Program Cal Poly Pomona – B.S. Physics | 2017 - Projected 2023 Awarded 2017 |
| RESEARCH EXPERIENCE | UCI Graduate Student Researcher UCI Competitive Edge Scholar Cal Poly Pomona Research Assistant UCI Summer Undergraduate Research Fellow CAMPARE Summer Internship | Fall 2017 - Present Summer 2017 2015-2017 Summer 2016 Summer 2015 |
| TALKS/ PRESENTA- TIONS | GALFRESCA Annual Workshop UCI SRP Research Symposium Cal Poly Pomona SIAM Research Symposium 229th AAS Meeting Grapevine, Texas Cal-Bridge/Campare Symposium, Cal Poly Pomona UCI SRP Research Symposium GALFRESCA Inaugural Workshop Cal Poly Pomona SIAM Research Symposium 227th AAS Meeting Kisseemee, Florida SoCal Conference for Undergrad Research, Harvey Mudd College CAMPARE Symposium, Cal Poly Pomona | Summer 2017 - 2019 Summer 2017 Spring 2017 Winter 2017 Summer 2016 Summer 2016 Summer 2016 Spring 2016 Winter 2016 Fall 2015 Summer 2015 |
| PROFES- SIONAL SERVICE | Cal-Bridge Graduate Mentor UCI PACE Leader in Training TELACU Graduate Mentor UCI Physics Graduate Caucus Diversity Chair UCI DECADE Physics Graduate Representative Organized GalFRESCA Workshop 2019 UCI Physics and Astronomy PACE Mentor UCI STRIDE! Physics and Astronomy Panel Participant UCI Competitive Edge Panel Participant | Fall 2019 - Present Fall 2019 - Present Fall 2019 - Present Winter 2018 - Present Fall 2018 - Present Summer 2019 Fall 2018 Summer 2018 Summer 2018 |
| TEACHING | Ardent Academy AP Physics C Instructor Learning Shack Math and Physics Tutor UC Irvine Graduate Teaching Assistant | Winter 2020 Fall 2018 - Fall 2019 Fall 2017 - Winter 2018 |

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| | <ul style="list-style-type: none"> • Statistical Mechanics | Fall 2018 |
| | <ul style="list-style-type: none"> • Life in the Universe | Spring/Fall 2018 |
| | <ul style="list-style-type: none"> • Introduction to Mathematical Physics | Fall 2017 |
| | Cal Poly Pomona Learning Assistant | 2015-2016 |
| | <ul style="list-style-type: none"> • Electrostatics | Fall 2015/Winter 2016 |
| | <ul style="list-style-type: none"> • Introductory Physics | Spring 2015 |
| COMMUNITY SERVICE | UCI Telescope Outreach Program | Spring 2018 - Present |
| | UCI WATzUP group leader volunteer | Fall 2017/2018 |
| | UCI Eclipse Party Volunteer | Summer 2017 |
| | BUILD Star Party speaker | Spring 2017 |
| | Rivera Middle School Guest Speaker | Spring 2015 |
| | Physics Phun Day Collegewood Elementary | Spring 2015 |
| HONORS, AWARDS, AND PRIZES | UC Irvine Diversity Recruitment Fellowship - \$5,000 | Fall 2017 |
| | UC Irvine Competitive Edge Scholar | Summer 2017 |
| | UC Irvine SURF Scholar | Summer 2016 |
| | Presidents Student Research Travel Scholarship – \$600 | Winter 2016 |
| | Cal-Bridge Scholar – \$30,000 | 2015-2016 |
| | CAMPARE Scholar | Summer 2015 |
| | TELACU Scholar – \$8,000 | 2013-2017 |
| | Service Learning Award | 2013 |
| | Armando Mora Memorial Scholastic Scholarship – \$1,000 | 2013 |
| | Santa Fe Springs Womans Club Scholarship – \$950 | 2013 |
| | Dorothy P. and Howard D. Hunter Foundation Scholarship – \$1,800 | 2013 |
| REFERENCES | Prof. James Bullock | |
| | <ul style="list-style-type: none"> • Professor at University of California, Irvine | |
| | <ul style="list-style-type: none"> • Ph.D. Adviser | |
| | <ul style="list-style-type: none"> • Email: bullock@uci.edu | |
| | Prof. Jorge Moreno | |
| | <ul style="list-style-type: none"> • Professor at Pomona College | |
| | <ul style="list-style-type: none"> • Mentor | |
| | <ul style="list-style-type: none"> • Email: jorge.moreno@pomona.edu | |