

CURRICULUM VITAE
PASCALE SCHAABA GUITON, Ph. D.

CONTACT INFORMATION	Santa Clara University 500 El Camino Real Santa Clara, CA 95053	+001 510 885 3412 pascale.guiton@csueastbay.edu www.guitonlab.com Wikipedia
EDUCATION	Washington University in St. Louis , St. Louis, MO Ph.D. in Biological Sciences and Medicine Dissertation: “Molecular insights into the uropathogenesis of <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> in the Context of Urinary Catheterization”	2006-2012
	Georgia State University , Atlanta, GA B.S. Biological Sciences – <i>Summa cum laude</i>	2002-2005
RESEARCH INTERESTS	Molecular microbiology, parasitology, host/pathogen interactions, regulatory mechanisms of gene expression, developmental differentiation in Apicomplexa.	
ACADEMIC EXPERIENCE	Santa Clara University , Santa Clara, CA <i>Department of Biology</i> Assistant professor <i>Courses taught:</i> Virology, Immunology	2017; 2022 – present
	California State University East Bay , Hayward, CA <i>Department of Biological Sciences</i> Assistant Professor <i>Courses taught:</i> Clinical Microbiology; Women in Science Molecular Microbiology; Parasitology; Immunology; Pathogenic Microbiology; Zoonoses and Emerging Infectious Diseases; Graduate Seminar in Microbiology	2017-2022
	San Jose State University , San Jose, CA <i>Department of Biology</i> Adjunct Lecturer <i>Courses taught:</i> Pathogenic Microbes I and II	2016-2017
	Menlo College , Atherton, CA <i>Department of Science</i> Adjunct Lecturer <i>Course taught:</i> Human Biology	2016
	Stanford University School of Medicine , Stanford, CA Expert facilitator: <i>consulted on materials to be included in course videos for first year medical students, provide feedback on course videos, design activities for in-class discussions of topics to be covered in the course, and lead student group discussions and in-class activities related to course videos.</i>	2015-2017
	Stanford University School of Medicine , Stanford, CA <i>Department of Microbiology and Immunology</i> Postdoctoral Research Fellow Advisor: John Boothroyd, Ph.D.	2012-2017
		2004 – 2006

Georgia State University, Atlanta, GA

Department of Biology

Undergraduate Research Assistant

Advisor: Zehava Eichenbaum, Ph.D.

GRANTS,
FELLOWSHIPS,
AWARDS

2021, NSF ROA Supplement to NSF Award 1751372

2021, CSU East Bay Faculty Support Grant for “How does BSM1 contribute to *Toxoplasma* virulence in mice?”

2020, California State University Program for Education and Research in Biotechnology (CSUPERB) COVID-19 Research Recovery Microgrant Deletion of ROP28, a developmentally-regulated pseudokinase in *Toxoplasma*”

2019, CSUPERB New Investigator Award for “How do developmentally regulated glycolytic enzymes contribute to *Toxoplasma* differentiation?”

2018, CSU East Bay Faculty Support Grant for “How do glycolytic enzymes contribute to *Toxoplasma* differentiation?”

2018, CSU East Bay College of Science Collaborative Research grant for “transcriptomic profiling and domain searches for functional characterizations of novel virulence determinants of *Toxoplasma gondii*”

2018, CSUPERB New Investigator Award for “How does *Toxoplasma gondii* mediate its initial interactions with intestinal epithelial cells?”

2017, CSU East Bay Faculty Diversity and Inclusion Curriculum Development Grant Award for “BIOL 3441 – Parasitology”

2017, CSU East Bay Faculty Support Grant for “Complementation studies to establish a developmentally-regulated gene as a novel virulence determinant of *Toxoplasma gondii* virulence in mice”

2014, Stanford Postdoctoral Fellowship from Immunology Training Grant AI07290 (02/01/15-02/01/16)

2014, NIAID Diversity Supplement Award for Parent Grant 1R01AI073756 (02/01/13-01/31/15).

2010, The Milton and Sondra Schlesinger Student Travel Award, Washington University in St. Louis

2009, American Society of Microbiology Robert D. Watkins Graduate Research Fellowship Award

Institutional honors

2021, CSU East Bay Outstanding Faculty Mentor of Students.

2021, CSU East Bay Dianne Rush-Wood Social Justice Award for efforts has created a more equitable and inclusive community, embracing the philosophy of our Umoja practice of our connectedness to the African Diaspora.

2005, Georgia State University William S. Kell Presidential Award for Academic Excellence

2005, Georgia State University Institutional Honors *Summa Cum Laude* and Departmental Honors: Distinction in Specified Major

2005, Georgia State University William G. Nolan Memorial Scholarship Award for distinguished student in biology.

2003-2004, Dean's Scholarship Key Award

2003-2004 Faculty Scholarship Award

PUBLICATIONS *denotes undergraduate and **graduate student authors

Quach EV**, Babacarkhial E*, Cao B*, Ho D*, Shama J*, **Guiton PS**. Phosphoglucosyltransferase 1 contributes to optimal cyst development in *Toxoplasma gondii*. *BMC Research* 2022 15:188.

Guiton PS. mSphere of Influence: No more excuses – Addressing race, racism, and socioeconomic issues in the science classroom and laboratory. *mSphere* 2021 6:e00010-21.

Sharma J*, Rodriguez-Cruz P*, Roy P**, **Guiton PS**. Transcriptional ups and downs: patterns of gene expression in the life cycle of *Toxoplasma gondii*. *Microbes & Infection* 2020 22(10):525-533. *Invited review*.

Cao B* and **Guiton PS**. Important human parasites of the tropics. *Frontiers for Young Minds* 2018 6:58.

Guiton PS, Sagawa J, Fritz H, JC Boothroyd. An *in vitro* model of intestinal infection reveals a developmentally regulated transcriptome of *Toxoplasma* sporozoites and a NF- κ B-like signature in infected host cells. *Plos One* 2017 12(3): e0173018.

Frank KL, **Guiton PS**, Barnes AM, Manias DA, Chuang-Smith ON, Kohler PL, Spaulding AR, Hultgren SJ, Schlievert, PM, Dunny GM. AhrC and Eep are biofilm infection-associated virulence factors in *Enterococcus faecalis*. *Infect Immun*. 2013 81(5):1696-708.

Guiton PS, Hannan TJ, Ford B, Caparon MG, Hultgren SJ. *Enterococcus faecalis* overcomes foreign body-mediated inflammation to establish urinary tract infections. *Infect. Immun*. 2013 81(1):329-39. *Article of Significant Interest Selected from This Issue by the Editor*.

Guiton PS, Cusumano CK, Kline KA, Dodson KW, Han Z, Janetka JW, Henderson JP, Caparon MG, Hultgren SJ. Combinatorial small-molecular therapy prevents uropathogenic *Escherichia coli* catheter-associated urinary tract infections in mice. *Antimicrob. Agents Chemother*. 2012 56(9):4738-45.

Nielsen HV, **Guiton PS**, Kline KA, Port GC, Pinkner JS, Neiers F, Normark S, Henriques-Normark B, Caparon MG, Hultgren SJ. The metal ion-dependent adhesion site motif of EbpA pilin mediates pilus function in catheter-associated urinary tract infection. *Mbio*. 2012 3(4):e00177-12.

Guiton PS, Hung CS, Hancock L., Caparon MG, Hultgren SJ. Enterococcal biofilm formation and virulence in an optimized murine model of foreign body-associated urinary tract infection. *Infect. Immun*. 2010 78(10):4166-4175. *Article of Significant Interest Selected from This Issue by the Editor*.

Guiton PS, Hung CS, Kline KA, Roth R, Kau AL, Hayes E, Heuser J, Dodson KW, Caparon MG, Hultgren SJ. Contribution of autolysin and sortase A during *Enterococcus faecalis* DNA-dependent biofilm development. *Infect. Immun*. 2009 77(9):3626-38.

CONFERENCES &
PRESENTATIONS

Guiton PS. “In search of novel molecular determinants of *Toxoplasma* virulence and developmental differentiation. Virtual. CSUPERB Annual Research Symposium. January 2021.
Speaker

Moline M* and **Guiton PS.** Contribution of developmentally regulated metabolic enzymes to stage conversion during *Toxoplasma* pathogenesis. Poster session at 33rd CSU Annual Biotechnology Symposium. Virtual. January 7-10, 2021.

Ho D*, Sharma J*, and **Guiton PS.** Identification of putative virulence determinants of *Toxoplasma* bradyzoites. Poster session at the Northern California Parasitologist Spring Meeting. February 8, 2020.

Quach EV**, Moline M*, and **Guiton PS.** Contribution of developmentally regulated metabolic enzymes to stage conversion during *Toxoplasma* pathogenesis. Poster session at 32rd CSU Annual Biotechnology Symposium, Santa Clara, CA. January 16-18, 2020.

Roy P**, Ho D*, and **Guiton PS.** Functional Characterization of Putative Developmentally Regulated Effector Proteins of *Toxoplasma gondii* Bradyzoites. Poster session at the 2019 Fall Meeting of the Northern California Branch of the American Society for Microbiology, Santa Clara, CA. November 2, 2019.

Cao B* and **Guiton PS.** How does ROP23 contribute to *Toxoplasma* pathogenesis? Poster session at the 94th Annual Meeting of the American Society of Parasitologists, Rochester, MN. July 11-14, 2019.

Quach EV** and **Guiton PS.** Contribution of developmentally regulated metabolic enzymes to stage conversion during *Toxoplasma* Pathogenesis. Oral presentation at the 15th International Congress on *Toxoplasma* Biology, Quindio, Colombia. June 19-22, 2019.

Cao B*, Rodriguez P*, and **Guiton PS.** How does ROP23 contribute to *Toxoplasma* pathogenesis? Poster session at the 15th International Congress on *Toxoplasma*. Biology, Quindio, Colombia. June 19-22, 2019.

Quach EV** and **Guiton PS.** Contribution of Developmentally Regulated Metabolic Enzymes Stage Conversion in *Toxoplasma gondii*. Poster session at the 22nd Annual Bay Area Microbial Symposium, San Francisco, CA. March 16, 2019.

Rodriguez P*, Cao B*, and **Guiton PS.** Localization and characterization of ROP23 in *Toxoplasma gondii*. Poster session at the 36th Annual Spring Meeting of Northern California Branch of the American Society for Microbiology, Pleasanton, CA. March 8-9, 2019.

Rodriguez P* and **Guiton PS.** How does ROP23 contribute to *Toxoplasma* pathogenesis? Oral presentation at the 2018 Northern California Parasitologist Spring meeting, San Francisco, CA. February 2, 2019. *Best Oral Presentation.*

Rodriguez P* and **Guiton PS.** How does ROP23 contribute to *Toxoplasma* pathogenesis? Poster session at the 30th CSU Annual Biotechnology Symposium. San Diego, CA. January 16-18, 2019.

Sidhu A* and **Guiton PS.** How does the putative secreted protein encoded by TgMe49_287040 contribute to the pathogenesis of *Toxoplasma gondii*? CSU East Bay Department of Biological Science First Annual Graduate Research Symposium. CSU East Bay, Hayward, CA. September 2018.

Guition PS. A reverse genetic approach to understand how *Toxoplasma gondii* initiates infection in a new host. Poster session at the Cal State East Bay Faculty Research Symposium. CSU East Bay, Hayward, CA. May 4-5, 2018.

Sheldon E* and **Guition PS.** Complementation studies to establish GRA9 as a developmentally regulated virulence factor in *Toxoplasma gondii*. Cal State East Bay Student Research Symposium, CSU East Bay, Hayward, CA. April 25, 2018.

Sheldon E*, Noresha B*, and **Guition PS.** How do developmentally regulated proteins contribute to *Toxoplasma* virulence in mice? Grand Opening of the CSU East Bay New Research Laboratories, CSU East Bay, Hayward, CA. March 27, 2018.

Dhillon P* and **Guition PS.** Optimization of an *in vitro* cell culture-based assay for monitoring stage conversion of *Toxoplasma gondii* during infection of human intestinal epithelial cells. 21st Annual Bay Area Microbial Symposium, San Francisco, CA. March 24, 2018.

Cao B* and **Guition PS.** How are proteins trafficked to the rhoptry organelles in *Toxoplasma gondii*? 21st Annual Bay Area Microbial Symposium, San Francisco, CA. March 24, 2018.

Quach EV** and **Guition PS.** How do developmentally regulated metabolic enzymes contribute to stage conversion during *Toxoplasma* pathogenesis? 21st Annual Bay Area Microbial Symposium, San Francisco, CA. March 24, 2018.

Guition PS. Host and parasite genes involved in the opening act of *Toxoplasma* pathogenesis. Spring Meeting of the Northern California Parasitologist. University of California San Francisco, San Francisco, CA. January 2018. *Special Guest Speaker.*

Ong LA* and **Guition PS.** Greetings From Microbe Metropolis: An Introduction to Biofilm. Poster presentation at the Cal State East Bay Science Fair, CSU East Bay, Hayward, CA. October 26, 2017.

Guition PS. An *in vitro* model of intestinal infection reveals a developmentally regulated transcriptome of *Toxoplasma* sporozoites and a NF- κ B-like signature in infected host cells. 14th International Congress on Toxoplasmosis and *Toxoplasma gondii* Research, Tomar, Portugal. June 2017. *Speaker.*

Guition PS. How does *Toxoplasma* modulate host immune responses when initiating infection in a new host? 13th International Congress on Toxoplasmosis and *Toxoplasma gondii* Research, Gettysburg, PA. June 2015. *Speaker*

Guition PS. Characterization of the host response to *Enterococcus faecalis*-mediated catheter associated urinary tract infection. 6th international conference on Gram-positive microorganisms, Montecatini Terme, Tuscany, Italy. June 2011.

Guition PS, Caparon MG and Hultgren SJ. The role of foreign body-mediated inflammation during *Enterococcus faecalis* uropathogenesis. Poster presentation at the 111th Annual American Society of Microbiology General Meeting, New Orleans, LA. May 21-24, 2011.

Guition PS. Enterococcal biofilm formation and virulence in a murine model of foreign body-associated urinary tract infection. Poster Presentation at the 8th-Annual Yale Bouchet Conference on Diversity in Graduate Education. April 2011.

Guition PS, Caparon MG and Hultgren SJ. Contributions of autolysin and sortase A in a murine model of foreign body-associated urinary tract infection. Poster presentation at the 110th Annual American Society of Microbiology General Meeting, San Diego, CA. May 23-27, 2010

Guiton PS, Caparon MG and Hultgren SJ. Enterococcal biofilm formation and virulence in a murine model of foreign body-associated urinary tract infection. Oral Presentation at the 17th Midwest Microbial Pathogenesis Conference, St Louis, MO. September 10-12, 2010.

Guiton PS. Enterococcal biofilm formation and virulence in a murine model of foreign body-associated urinary tract infection. Oral Presentation at the 3rd ASM conference on Enterococci, Portland, OR. August 2010.

Guiton PS, Caparon MG and Hultgren SJ. Contributions of autolysin and sortases during foreign-body associated enterococcal urinary tract infection. Poster presentation at the 5th ASM Conference on Biofilms, Cancun, Mexico. November 15-19, 2009.

RESEARCH
SEMINARS
& LECTURES

Seminar Speaker. “Developmental regulation of virulence in *Toxoplasma gondii*.”

- Department of Biological Sciences, California State Polytechnic University-Pomona, Pomona, CA. November 2021.
- Department of Biological Sciences, San José State University, San José, CA. November 2021.

Seminar speaker. “In search of novel molecular determinants of *Toxoplasma* virulence and developmental differentiation.”

- Department of Biology, Santa Clara University, Santa Clara, CA. March 2022.
- Department of Genetics and Biochemistry, Clemson University, Clemson, NC. March 2022.
- Department of Biology, San Diego State University, San Diego, CA. April 2021.
- Department of Biology, California State University-Stanislaus, Turlock, CA. April 2021.
- Biology Graduate Student Association, Washington State University, Pullman, WA. March 2021.
- Ecology, Evolution and Marine Biology Department, UC Santa Barbara, CA. March 2021.

Seminar speaker. “The when, what, and how in the opening act of *Toxoplasma* infection.”

- Department of Biology, Georgia State University, Atlanta, GA. November 2021.
- Host-Parasite-Interactions Research Training Network, University of Calgary, Calgary, Canada. August 2021.

Seminar speaker. “How does *Toxoplasma* initiate infection in a new host?”

- Department of Microbiology and Toxicology, University of California Santa Cruz, Santa Cruz, CA. December 2020.
- Department of Chemistry and Biochemistry, San Diego State University, November 2020.
- Quantitative Biosciences Institute, University of California San Francisco, San Francisco, CA. September 2020.

Guest lecturer. “World of Parasites.” Department of Biology, Macalester College, St. Paul, MN. November 2020.

Guest lecturer. “Working with antibodies in the Guiton lab.” Department of Health Science, CSU East Bay, Hayward, CA. October 2020.

Seminar speaker. “Host and parasite genes involved in the opening act of *Toxoplasma* pathogenesis.

- Department of Biology, San Francisco State University, San Francisco, CA. February 2019.
- Department of Biology, California State University Sacramento, Sacramento, CA.

February 2019.

Guest lecturer. “*Toxoplasma gondii*: Master of cellular hijacking.” BIOL 140, Department of Biological Sciences, CSU East Bay. April 2019.

Seminar speaker. “Host and Parasite Genes Involved in the Opening Act of *Toxoplasma* pathogenesis. University of San Francisco, San Francisco, CA. October 2018.

RESEARCH
STUDENTS

¹*Underrepresented minority (URMs)*

²*First generation college students*

³*Center for Student Research Scholars*

⁴*Research-related awards, such as LSAMP fellowships, Grants, Best Talks, Best Posters)*

⁵*Co-authors on my publications*

Current students

Graduate students

Edres Babacarkhial^{2,3,4}

Undergraduates

Michael Allen¹
Neeve Ashfani¹
Sargun Dhillon¹
Sarah Harb¹
Sarah Herrington
Samuel Habib¹
Fatima Mercado Luevano^{1,2}
Gillian Heimple
Nneka Onyewuenyi¹
Jordyn Quesenberry¹
Sarah Tesfaye¹
Ash Uyematsu

High school

Sahana Kuchibhotla¹

Former students (Time in the Guiton lab)

Academic/Professional status after leaving the laboratory (except for students continuing at CSUEB)

Graduate students

Cynthia Martinez^{1,2,3,4}, MS (2020-2022)

Emily Quach^{3,4,5}, MS (2017-2020)
Faculty Laney College, Oakland, CA.

Proyasha Roy^{3,4,5} (2019-2020)

Undergraduates

Avraj Bal^{1,3}, BS (2021)

Surgery Assistant, CA

Paula Rodriguez, BS^{1,3,4,5} (2017-2021) *Ph.D. student at UC Davis, Davis, CA*

Christina Stach, BS (2019-2020) – *Medical Student at Dartmouth School of Medicine, Hanover, NH*

Daniel Ho, BS (2018-2020), *Research Technician, Cepheid, Sunnyvale, CA*

Janak Sharma, BS⁵ (2018-2020)

Endocrinologist Assistant, VA

Binh Cao, BS^{3,4,5} (2017-2019) *Medical Student at UCSF with full scholarship*

Ankush Khalia, BS (2018-2019)
Medical Scribe ScribeAmerica, Fremont, CA

Leslie A. Ong, BS (2017-2018)
Research Associate, Pivot Bio, Berkeley, CA

Christopher Javier, BS¹ (2017-2018)

Research Technician, Eurofins, CA

Azza Abid¹, BS (2022)

Julia Muth, BS (2022)

Maria Renteria^{1,3}, BS (2021-2022)

Audrey Topacio¹ (2021-2022)

Katherine Woolbright³, BS (2021-2022)

Vaneshree Pillay (Fall 2021)

April Reyes¹, BS (Spring 2021)

Ariel Moline³, BS (2019-2020)

Elida Shilts, BS (2019-2020)

Zachary Watkins (2019-2020)

Fatemeh Saremi³ (2019-2020)

Amanda Brawley (2018-2019)

Noresha Brown¹ (Spring 2018)

Amanpreet Sidhu, BS (2018-2019)

High school

Aparna

Anandkumar
(2019-2021) *UC Berkeley, Berkeley, CA*

Arjun

Subramanian
(2020-2021) *Hopkins, Baltimore, MA*

Hani Liu (2021-2022) *UC Berkeley, Berkeley, CA*

Selam Asfaw¹
(2021-2022)
Brown University, Providence, RI

Soha Baig¹ (2021-2022)

UC Berkeley, Berkeley, CA

Nicole Li (2021-2022) *UCLA, Los Angeles, CA*

Lauren Lee (2021)

SELECTED
COMMUNITY
ENGAGEMENT &
OUTREACH

Santa Clara University

- *Member*, Committee on Effective Teaching
- *Co-advisor*, SCU Tribeta Honour Society Chapter
- *Co-advisor*, SCU Biotechnology Minor, SCU

CSU East Bay

- *Member*, CSU East Bay Equitable Student Success and Belonging Work Group. 2021-2022
- *Member*, Student Evaluation of Teaching Subcommittee of Faculty Affairs Committee of CSU East Bay Faculty Senate. 2021-2022
- *Chair*, CSU East Bay Institutional animal care and use. 2021-2022.
- *Committee scientific member*. CSU East Bay Institutional animal care and use. 2020-202.
- *Subcommittee member*. Advising Task Force. 2020.
- *Faculty advisor*. CSU East Bay STEM student/Alumni Networks. 2020-2021.
- *Alternate scientific member*. CSU East Bay Institutional animal care and use. 2019-2020.
- *Institutional representative*. CSUPERB Faculty Consensus Group (FCG). 2018-2022.
- *Member*. CSU East Bay Department of Biological Sciences Equity Gap Action Team. 2021-22.
- *Member*. CSU East Bay Department of Biological Sciences Assessment Committee. 2019-2022.
- *Faculty coordinator*. CSU East Bay Biology Seminar Series. 2018-2022.
- *Faculty coordinator*. CSU East Bay Department of Biological Sciences Annual Student Research Symposium. 2018 & 2019.

Student Advising and Mentoring

- *Black Faculty Fellow*, CSU East Bay Diversity and Inclusion Student Center. 2021-2022
- *Faculty mentor* for Sankofa Scholars program. 2020-2022.
- *Founder and faculty mentor* for CSU East Bay BIPOC in STEM. 2020-2022
- *Faculty advisor* for the CSU East Bay African Student Association. 2019-2022.
- *Faculty advisor* for the CSU East Bay Women in STEM club. 2019-2022.
- *Research mentor*, Center for Student Research (CSR)-STEM Louis Stokes Alliances for Minority Participation (LSAMP)., CSU East Bay. 2018-2020
- *Faculty campus connector*. CSU East Bay Campus Connector program. 2019-2022.

Review Panels and Advisory Boards

- *Junior Editor*. ASM Microbiology Spectrum. 2021-present.
- *Reviewer for Scientific Journals*.
 - Regenerative Engineering and Translational Medicine. 2021-present.
 - Cell. 2021-present.
 - mSphere. 2021-present.
 - STAR Protocols. 2021-present.
 - Molecular and Biochemical Parasitology. 2021-present.
 - National High School Journal of Science. 2019-present
 - Journal of Parasitology. 2018-present
 - PLOS One. 2018-present.
- *Advisory board member* for NSF-funded San José State University STEM Education Project “Transforming Undergraduate Teaching and Learning Through Culturally Sustaining, Active, and Asset-Based Approaches to Introductory Science Courses.” 2021-present
- *Board Member*, BIPOC in Parasitology 2021-present
- *Advisory board member* for the NSF Research Coordination Network – Undergraduate Biology Education (RCN-UBE) incubator: **RAC²**. January 2021-2022.
- *Advisory board member* for the Stanford University External Advisory Committee for the Stanford ChEM-H Chemistry/Biology Interface (CBI) Pre-doctoral Training Program. 2019-present.
- *Organizer*. Spring Meeting of Northern California Parasitologist. CSU East Bay, 2019.

- *Member*, CSUPERB Don Eden Graduate Student Research Award review panel. 2018 & 2019 .
- *Faculty Judge* for the Stanford University Postdoctoral Association (SURPAS) Research Symposium. Stanford University, Stanford CA. October 12-13, 2017.
- *Member*, CSUPERB Nagel Undergraduate Research Award review panel. 2019 & 2021.
- *Member*, CSUPERB Seed Grant review panel. 2019.

Advocacy for Diversity, Inclusion, and Equity in STEM and Higher Education

- *Co-Founder and Board Member*. BIPOC in Parasitology. Worldwide community. 2021-present.
- *Founder and Strategic Team Leader*, Alliance for the Black Community. 2020-present.
- *Anti-racist and inclusive Pedagogy Content Creator and Workshop Presenter for Faculty*.
 - Anti-racist Liberatory Pedagogy Summer Academy. CSU East Bay, 2021
 - Designing an anti-racist syllabus workshop. CSU East Bay Office of Faculty Development. CSU East Bay. 2021. Materials available [here](#).
 - Anti-racist Educator Starting Guide: Understanding and Implementation. CSU East Bay Office of Faculty Development. Materials available [here](#).
 - Atlas of Black Scholarship for Inclusive and Racially Diverse STEM Education – Volume I. (Compiled with Anandkumar A* and Moline A*). 2020. Freely accessible [here](#).
- *Organizer Professional Development Workshops and Seminars for BIPOC students*.
 - “I Belong Here! Why Don’t I Feel That Way?: Skills for Black, Indigenous, Latinx, and Other Students of Color to Navigate College.” Virtual. October 2021.
 - “Dream! Plan! Act! Succeed!: A professional development workshop with Cal State East Bay Alumni.” April 2021.
- *Panelist, Invited Speaker*.
 - Loss and found: reclaiming our voices in STEM. Georgia State University Undergraduate STEM Research Society. Virtual. October 2021.
 - Panel on “Antiracism in STEM”, California State University-Chico, Chico, CA. Virtual. April 2021.
 - Panel on “White Supremacy and Antiracism” at CSU East Bay. Virtual. February 2021.
 - CSU East Bay STEM Student/Alumni Networks: Utilizing your gifts and strengths to persist. Virtual. September 2020.
 - Black in Microbiology Week: Black in Parasitology, Virtual Global Scientific Event. October 2020.
 - CSUPERB “How to be an anti-racist scientist”. Virtual. July 15, 2020.
 - CSU East Bay Center for Student Research (CSR)-STEM Louis Stokes Alliances for Minority Participation (LSAMP) Luncheon. CSU East Bay, Hayward, CA. August 2018 & 2019.
 - “Why bother doing research as an undergraduate?” CSU East Bay Center of Student Research, Hayward, CA. October 2018 & October 2019.
 - *Seminar speaker*. “*Toxoplasma gondii*, a Master of Cellular Hijacking.” Bite of Science Teacher Enrichment Program, Chabot College, Hayward, CA. October 2018.
 - “Diversity and inclusion in the classroom.” CSU East Bay Back to the Bay. August 2018.
 - New Faculty Orientation. CSU East Bay Back to The Bay. August 2018.
 - Future Advancers of Science and Technology (FAST), Stanford University, Stanford, CA. 2018.
- *Scientific outreach events & Podcasts*.
 - Black in Parasitology. Black in Science Podcast Episode 20. September 2021.
 - “*Toxoplasma gondii*, Part II: Pascale Guiton, the scientist leading the research.” Biologists Being Basic Podcast, Quantitative Biosciences Institute, University of

- California San Francisco, San Francisco, CA. December 2020.
- “*Toxoplasma gondii* part I: the cat parasite.” Biologists Being Basic Podcast, Quantitative Biosciences Institute, University of California San Francisco, San Francisco, CA. December 2020
- “Meet & Greet with a Faculty”, STEM College Expo, CSU East Bay, Hayward, CA. October 2017.
- CSU East Bay Science Festival. 2017.
- Science Is Elementary (SiE), Mountain View, CA. 2015-2019.
- Young Scientist Program, Washington University in St. Louis. 2008-2011

SELECTED
PROFESSIONAL
DEVELOPMENT

- *Attendee.* Molecular Parasitology Meeting XXXII. Virtual. October 5-9, 2021.
- *Attendee.* 30th Annual Molecular Parasitology & Vector Biology Symposium. Virtual. May 4, 2021.
- *Participant.* Faculty Learning Community on “Culturally responsive and anti-racist pedagogy.” CSU East Bay, Hayward, CA. December 6, 2020 – 2021.
- *Participant.* Young Investigators in Parasitology, virtual. September 24, 2020.
- *Attendee.* Molecular Parasitology Meeting XXXI. Virtual. September 20-24, 2020.
- *Attendee.* “Confronting anti-Black racism on college campuses: A 2-day professional development training for educators” Webinar. August 12-13, 2020.
- *Participant.* CSU East Bay 2020 Virtual Summer Institute, Virtual. July 13-15, 2020.
- *Participant.* Office of Research and Sponsored Programs Proposal Boot Camp, CSU East Bay, Hayward, CA. July 8-26, 2019.
- *Participant.* Faculty Learning Community for “Completing a Scholarly Project.” CSU East Bay, Hayward, CA. 2018-2019.
- *Organizer and participant.* Biological Sciences Writing Group, CSU East Bay, Hayward, CA. 2019-present
- *Participant.* “Using Supplemental Instruction in Your Course” workshop, CSU East Bay, Hayward, CA. 2019
- *Founder and Participant.* Weekly Writing Lunch, CSU East Bay, Hayward, CA. 2018-2019.
- *Participant.* Parasitology supergroup meetings, Stanford University, Stanford, CA. 2018-2020.
- *Participant.* Transforming STEM Teaching Faculty Learning Program, CSU East Bay, Hayward, CA. 2017-2018.
- *Participant.* Faculty Diversity and Inclusion Curriculum Development workshops, CSU East Bay, Hayward, CA. 2017-2018.
- *Participant.* CSU East Bay Back to the Bay. 2017-present.
- *Participant.* Stanford Pedagogy Journal Club at Stanford University, Stanford, CA. 2016.
- *Participant.* Stanford/SJSU Undergraduate Teaching workshop, Stanford University, Stanford, CA. 2016
- *Participant.* Stanford Career Development Center workshop “Writing a Compelling Teaching Statement,” Stanford University, Stanford, CA. 2016
- *Participant.* Stanford VPGE Management Matters course at Stanford University, Stanford, CA. 2015.
- *Participant.* Stanford Teaching workshop, Stanford University, Stanford, CA. 2014.
- *Participant.* Mentoring in Research Workshop for Postdoctoral Scholars, Stanford University, Stanford, CA. 2014.
- *Participant.* National Institute of Allergies and Infectious Diseases “Bridging the Career Gap for Underrepresented Minority Scientists” workshop, National Institute of Health, Bethesda, MD. 2014.
- *Attendee.* American Society for Microbiology Presentation Institute for Education Board Fellows, San Diego, CA. 2010.

PROFESSIONAL
MEMBERSHIPS &
AFFILIATIONS

BIPOC in Parasitology
American Society of Parasitologists
American Society of Microbiology
Northern California Parasitologist
African American Faculty and Staff Association
California Faculty Association
Black Postdocs Association, Stanford University
Alexander E. Bouchet Graduate Honor Society
Association of Black Biomedical Graduate Students, Washington University in St. Louis, MO.
Golden Key International Honour Society
Beta Beta Beta National Biological Honor Society