

# DANIELLE C. ALCÉNA-STINER, Ph.D., R.N.

Assistant Professor |University of Rochester School of Nursing | Danielle\_Alcena@urmc.rochester.edu

---

## **Bringing the Bench, Beyond the Bedside and into Behavior Change**

---

### **EDUCATION/TRAINING**

- 2018 B.S., Nursing, University of Rochester, Rochester, NY
- 2012 Ph.D., Microbiology and Immunology, University of Rochester, Rochester, NY
- 2009 M.S., Microbiology and Immunology, University of Rochester, Rochester, NY
- 2004 B.S., Biology, Summa Cum Laude /Chemistry Minor, Voorhees College, Denmark, SC

### **RESEARCH INTERESTS**

Biology, Immunology, and Infectious Diseases

- Effective science communication to promote informed decision making

Community Based Participatory Research

- Population informed research practices

Behavioral Health and Wellness

- Health literacy promotion for disease prevention and patient autonomy
- Experiential learning interventions promoting healthy behaviors

### **ACADEMIC / RESEARCH POSITIONS AND EMPLOYMENT** *(see appendix)*

- 2021 - Present Assistant Professor, University of Rochester School of Nursing, Rochester, NY
- 2018 - Present Assistant Director, Life Sciences Learning Center, University of Rochester School of Medicine & Dentistry, Rochester, NY
- 2018-2021 Instructor of Clinical Nursing, University of Rochester School of Nursing, Rochester, NY
- 2016-2018 Staff Scientist, Life Sciences Learning Center, University of Rochester School of Medicine & Dentistry, Rochester, NY
- 2014-2016 Science Educator/Health Project Coordinator, Life Sciences Learning Center, University of Rochester School of Medicine & Dentistry, Rochester, NY
- 2015-2021 Instructor, Biology Department, Nazareth College, Rochester, NY
- 2014 Instructor, Biology Department, St. John Fisher College, Rochester, NY
- 2013-2014 Instructor, Academic Advisor and Graduate Retention Specialist, University of Rochester, Rochester, NY
- 2012-2013 Post-doctorate, Nephrology, University of Rochester, Rochester, NY
- 2004-2006 Post-baccalaureate Research Education Program (PREP) Trainee, and Infectious Diseases Lab Technician III, University of Rochester, Rochester, NY
- 2003-2004 Online Database Trainer, National Library of Medicine, Denmark, SC

2000-2002 Laboratory Technician, Voorhees College, Denmark, SC

## RESEARCH SCHOLARSHIP

- 2022 - Present Environmental Health Sciences Center (EHSC) Member [Invited, reviewed, and approved by the Executive Committee] University of Rochester Medical Center, Department of Environmental Medicine, Rochester, NY
- 2019 - Present Competitive Visiting Faculty Fellowship / Research Education Institute for Diverse Scholars (REIDS) / Center for Interdisciplinary Research on AIDS (CIRA)/ School of Public Health, Yale University, New Haven, CT
- 2003 Fogarty Minority International Research Training Program Internship, University of Maryland, Medical Research Foundation of Trinidad & Tobago (MRFTT) and Caribbean Epidemiology Center (CAREC), Port of Spain, Trinidad & Tobago, WI
- 2000 NASA/CFESH Summer Internship Program/Food and Nutritional Science Department, Tuskegee, University, Tuskegee, AL

## HONORS AND AWARDS *(see appendix)*

- 2022 Voorhees University 10 Under 40 Award, National Alumni Association, Columbia, SC
- 2014 The Bridget Murtagh Community Achievement Award, AIDS Clinical Trials Group, Washington, DC
- 2013 The Bridget Murtagh Community Achievement Award, AIDS Clinical Trials Group, Washington, DC
- 2012 Class Marshall, Commencement Ceremony, University of Rochester, Rochester, NY
- 2004 Third Academic Honor for graduating class, Voorhees College, Denmark, SC
- 2001-2004 Who's Who Among American Colleges and Universities
- 2001 First Place, Poster: D. C. Alcena, K. Hoffman, E. Broomfield. 'Ways to Incorporate Soy into Your Daily Diet: potential source of food for space explorations.' Third Annual Research Conference at Voorhees College
- 2000-2004 Presidents List, Voorhees College, Denmark, SC
- 2000-2003 Highest Department GPA Award, Voorhees College, Denmark, SC
- 2000-2001 National Dean's List
- 2000 Fourth Place, Poster: D. C. Alcena, K. Hoffman, E. Broomfield. 'Ways to Incorporate Soy into Your Daily Diet.' First Annual Tuskegee University Undergraduate Science and Engineering Conference (USEC)

## RESEARCH SUPPORT

*Grant Submission (competitive), Principal Investigator*

- 2021 Source: NIH Loan Repayment Program (LRP) LRP0000018241: Pediatric Research / National Institute of Nursing Research (NINR)—Title: **Youth-informed Research-directed Infectious Disease Health Literacy Programming (YouthPro), Project**

(**Danielle Alcena-Stiner** Submitted: 11/18/2021[Under Review, Requested Institutional/Financial Documents Approved])

2021 Source: NIH- CTSA KL2 TR001999 -University of Rochester Clinical and Translational Science Institute (CTSI) KL2 institutional Career Development Program–Title: **Assessing the Feasibility, Usability and Accessibility of Youth-informed Research-directed Infectious Disease Health Literacy Programming (Youth Program), Project (Danielle Alcena-Stiner** Submitted: 11/12/2021 [Reviewed/Scored/Unfunded].

*NIH Grants Awarded (competitive), Principal Investigator*

2021-2022 Source: NIH NIGMS 1R25GM132758-01 – Science Education Partnership Award (SEPA) Title: *One Health Education: Connecting Humans, Animals, and the Environment/ Outreach for Youth Education on SARS-CoV-2 (O- YES!) Project* (Supplement Award) Principal Investigator: Dina Markowitz (Parent Award) /**Danielle Alcena-Stiner (Supplement Award)**. Grant Start and End Dates: 08/01/2019 - 06/30/2024 (Supplement 2021-2022). The purpose of this project is to adapt, develop, and evaluate educational materials to address SARS-CoV-2 vaccine hesitancy.

2021-2022 NIH NIMH 2R25MH087217 *Research Education Institute for Diverse Scholars (REIDS)* (Parent Award)/ **American Sexual Health Immune Health Literacy (ASHIL) Questionnaire for HIV/STIs in Adolescents** (Pilot Award) Principal Investigator: Trace Kershaw (Parent Award) /**Danielle Alcena-Stiner (Pilot Award)**. Grant Start and End Dates: 07/01/1999 - 06/30/2022 (Pilot 2021-2022). The goal of the REIDS program is to provide research, training, and ongoing mentorship support to promising scholars in the HIV field. The mixed method pilot study utilizes implementation science and a community-based, participatory research approach to adapt evidence-based assessment tools for valid and reliable methods into a health literacy questionnaire to identify areas of bio-behavioral health literacy needs in partnership with adolescent communities. The assessment tool quantifies health literacy needs related to immune health and infectious diseases among adolescent youth. Role: Principal Investigator (Pilot).

2019-2021 Source: NIH NIEHS 3R42ES023706-03 Supplemental Award Title: *Science Take-Out Kits for Environmental Health Education*(Parent Award)/ **Science Take-Out Community Environmental Health Kits for Nurses** (Supplement Award) Principal Investigator: Dina Markowitz (Parent Award) /**Danielle Alcena-Stiner (Supplement Award)**. Grant Start and End Dates: 05/01/2014 - 05/31/2020 (Supplement 2019-2020). No-cost extension-5/31/2021. The purpose of this supplemental project is to adapt the previously developed Science-Take-Out Kits for Environmental Health Education for nurse use in diverse settings. The goal is to obtain nurse input on kit needs and modifications for implementation of kits in the nursing profession including the translation of English material into Spanish. Dr. Alcena-Stiner's contributions in the STTR Phase II supplemental project includes modification of kits based on nurse evaluation feedback, and facilitation of translation services by

collaborators. Her role also includes the recruitment, and training of nurses to implement the kits in English and Spanish-speaking settings.

*NIH Grants Awarded (competitive), Co-Investigator/Other*

- 2019-2024 Source: NIH NIGMS 1R25GM132758-01 – Science Education Partnership Award (SEPA) Title: **One Health Education: Connecting Humans, Animals, and the Environment**. Principal Investigator: Dina Markowitz. Grant Start and End Dates: 08/01/2019 - 06/30/2024. The purpose of this project is to create and disseminate educational health literacy materials related to One Health, with a goal to increase adolescents' understanding of One Health concepts (that human health, animal health and environmental health are interrelated) and the importance of One Health collaborations.
- 2018-2022 Source: NIH NIMHD 1R01MD013553 Title: **Multilevel Determinants of HIV Pre-Exposure Prophylaxis (PrEP) Utilization and Health Disparities Among Black and Hispanic Women** Principal Investigator: James McMahon. Grant Start and End Dates: 09/10/2018 - 04/30/2022. The purpose of this project is to provide an evidence-base, upon which to develop and evaluate interventions, programs and services for women of color to address HIV and PrEP outcomes and health disparities.
- 2014-2019 Source: NIH OD 1R25OD010494 – Science Education Partnership Award (SEPA) Title: **Medicines and Me: Understanding and Using Medicines Safely** Principal Investigator: Dina Markowitz. Grant Start and End Dates: 05/01/2014 - 01/31/2019. The purpose of this project was to create and disseminate educational materials related to the safe use of over-the-counter medicines.
- 2014-2017 Source: NIH NIDA 1R25DA032998 Title: **Neuroscience Activities for Hands-on Learning** Principal Investigator: Dina Markowitz. Grant Start and End Dates: 09/01/2011 - 08/31/2017. (no-cost extension). The purpose of this project was to create and disseminate high school biology curriculum related to neurobiology. Role: Key personnel
- 2012-2013 Source: NIH NIDA 5R01AI069351 Title: **Modeling B cell Vaccine Responses in Transplant Recipients** Principal Investigator: Martin Zand and Ollivier Hyrien. Grant Start and End Dates: 05/15/2007 - 01/31/2017. The purpose of this project was to develop a novel statistical methods and mathematical models of immune responses to influenza vaccination in kidney transplant recipients. Role: Post-doctoral Associate
- 2011-2012 Source: NIH NIAID Training Grant 7T32AI049815 Title: **HIV-1 Replication and Pathogenesis** Principal Investigators: Stephen Dewhurst and Sanjay Maggirwar. Grant Start and End Dates: 7/1/2011 – 6/30/2016. Role: Graduate student (Master's Thesis)
- 2009-2012 Source: NIH NIAID 1R01AI084808-01 Title: **Understanding the Generation of HIV Broadly Neutralizing Antibodies**. Principal Investigator: Ignacio Sanz. Grant Start and End Dates: 9/15/2009 – 8/31/2014. The purpose of this project was to 1) identify

the cellular source of HIV BNA by precisely identifying specific subsets of human B cells using multicolor flow cytometry and to interrogate them with high-throughput technology capable of detecting presumably rare BNA-producing B cells 2) determine if autoreactive B cells are enriched for HIV BNA.  
Role: Graduate student (Doctoral Thesis)

2008-2010 Source: NIH NIAID 1R21AI078459 Title: **Cellular Origins of HIV Broadly Neutralizing Antibodies** Principal Investigator: Ignacio Sanz. Grant Start and End Dates: 5/15/2008 – 4/30/2010. The purpose of this project was to identify the cellular origin of HIV neutralizing antibodies. Role: Graduate student (Master's Thesis)

2004-2006 Source: NIH NIGMS 5R25GM064133 Title: **Research and Education in Microbiology and Immunology**. Principal Investigators: Stephen Dewhurst Grant Start and End Dates: 9/1/2004 – 8/31/2007. Individual project: "Quantifying Virus specific Cytotoxic T-Lymphocytes (CTLs) by Multiple Cytokine Staining." The purpose of this Post-baccalaureate Research Education Program (PREP) was to prepare recent college graduate trainees from underrepresented minority groups for careers as outstanding research scientists and leaders in the biomedical community through research and education opportunities in microbiology and immunology, with direct relevance to many of the health problems that disproportionately affect minorities and medically underserved groups (e.g., arthritis, cancer, cardiovascular disease, diabetes, HIV and other STDs, and respiratory diseases). Role: PREP Trainee

2003 Source: Fogarty International Center (FIC) NCMHD 3T37TW000027 Title: **Fogarty Minority International Research Training Program**. Principal Investigators: Jordan Edward Warnick. Grant Start and End Dates: 9/25/2002 – 9/24/2004. The purpose of the project was to provide global health and international research experiences for undergraduates interested in biomedical health disparities research focused (women's health, HIV/AIDS, and other STDs). Role: Summer Intern/Trainee

## RESEARCH CONTRIBUTIONS

### PUBLICATIONS

Akbas, Selin, **Alcena-Stiner, D.**, McMahon, J., M. (epub 2022) Psychosocial predictors of erectile dysfunction among heterosexual men living with HIV. *AIDS Care*. PMID: 35135404 DOI: 10.1080/09540121.2022.2039357

**Alcena-Stiner, D.**, Markowitz, D. Adapting Adolescent-Informed Infectious Disease Health Literacy Programming During a Pandemic: A Guide for Community Outreach Centers. (*In Development*).

**Alcena-Stiner, D.**, Markowitz, D. Nurse-Informed Adaptation of Hands-on Health Literacy Interventions to Promote Healthy Behaviors in "Low-Tech" and Limited-Resource Communities Across Diverse Settings. (*In Development*).

**Alcena-Stiner, D.**, Perez-N., Markowitz, D. A Model for Adapting Hands-on Environmental Health Literacy Interventions for Nurse Use Among Spanish-Speaking Communities. (*In Development*).

**Alcena-Stiner, D.C.**, Markowitz, D.G. (2020). The Life Sciences Learning Center: An Evolving Model for a Sustainable STEM Outreach Program. *Journal of STEM Outreach*, 3(2), doi: 10.15695/jstem/v3i2.08. PubMed PMID: 32864585; PubMed Central PMCID: PMC7455033.

Zhang, C., McMahon, J., Leblanc, N., Braksmajer, A., Crean, H. F., & **Alcena-Stiner, D.** (2020). Association of Medical Mistrust and Poor Communication with HIV-Related Health Outcomes and Psychosocial Wellbeing Among Heterosexual Men Living with HIV. *AIDS Patient Care STDS*, 34(1), 27-37. doi:10.1089/apc.2019.0200

Opara, I., Chandler, C. J., **Alcena-Stiner, D. C.**, Nnawulezi, N. A., & Kershaw, T. S. (2020). When Pandemics Call: Community-Based Research Considerations for HIV Scholars. *AIDS Behav.* doi:10.1007/s10461-020-02878-2

**Alcena-Stiner, D.**, Holt, S., Montes, G., & Markowitz, D. (2020). Medicines and Me: Hands-On Health Literacy Lessons for Adolescents. (Abstract). *Journal of Adolescent Health*, 66(2), S69-S70.

**Alcena, D. C.**, Kobie, J. J., Kaminski, D. A., Rosenberg, A. F., Mattiaccio, J. L., Brewer, M., . . . Sanz, I. (2013). 9G4+ antibodies isolated from HIV-infected patients neutralize HIV-1 and have distinct autoreactivity profiles. *PLoS One*, 8(12), e85098. doi:10.1371/journal.pone.0085098

Kobie, J. J., **Alcena, D. C.**, Zheng, B., Bryk, P., Mattiaccio, J. L., Brewer, M., . . . Sanz, I. (2012). 9G4 autoreactivity is increased in HIV-infected patients and correlates with HIV broadly neutralizing serum activity. *PLoS One*, 7(4), e35356. doi:10.1371/journal.pone.0035356

**Alcena, D.** (2012). *Role of Autoreactivity in the Neutralization of HIV-1 Infection*. (Doctor of Philosophy Thesis). University of Rochester, Rochester, New York. Retrieved from <http://hdl.handle.net/1802/25530> Available from University of Rochester, Rochester, New York UR Research database.

Rodrigo, W. W., **Alcena, D. C.**, Rose, R. C., Jin, X., & Schlesinger, J. J. (2009). An automated Dengue virus microneutralization plaque assay performed in human Fc (gamma) receptor-expressing CV-1 cells. *The American journal of tropical medicine and hygiene*, 80(1), 61-65. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/19141841>

Rodrigo, W. W., **Alcena, D. C.**, Kou, Z., Kochel, T. J., Porter, K. R., Comach, G., . . . Schlesinger, J. J. (2009). Difference between the abilities of human Fc (gamma) receptor-expressing CV-1 cells to neutralize American and Asian genotypes of dengue virus 2. *Clin Vaccine Immunol*, 16(2), 285-287. doi:10.1128/CVI.00363-08

## POSTERS

**D. C. Alcena**, D. Markowitz, et. al. 'Developing the outreach for youth education on SARS-CoV-2 (O-YES) project to empower adolescent health literacy leaders.' APHA Annual Meeting and Expo 2022, Boston, MA, [Submitted Abstract]

**D. C. Alcena**, J. Mei, J. McCoy, H.Chan, S. Holt, L. Brosnick, D. Markowitz. 'One Health Education: Promoting Environmental Health Literacy Through Virtual Field Trip Programs' NIH Science Education (SciEd) Conference in Washington, DC (2022)].

**D. C. Alcena-Stiner**, & D. Markowitz. 'Adaptation of hands-on environmental health education kits for use by nurses in diverse community-based settings.' APHA Annual Meeting and Expo: Creating the Healthiest Nation: Strengthening Social Connectedness. Program: Health Communication Challenges and Opportunities in Promoting Child and Family Health (Organized by HCWG) in Denver, CO and Online (2021). [Virtual Poster Presentation].

**D. C. Alcena-Stiner**, Holt, S., D. Markowitz. 'Adapting in-person classroom-based lessons into online programming to promote environmental health literacy education among adolescent populations.' APHA Annual Meeting and Expo: Creating the Healthiest Nation: Strengthening Social Connectedness. Program: Public Health Education and Health Promotion. Session: Emerging Fields in Environmental Health and Nature Stewardship - Environment in Denver, CO and Online (2021). [Virtual Poster Presentation].

**D. C. Alcena**, Holt, S., L. Brosnick, D. Markowitz. 'Medicines and Me: hands-on health literacy lessons for adolescents.' Annual Meeting of the Society for Adolescent Health and Medicine (SAHM) Conference in San Diego, CA (2020). [Online Presentation].

**D. C. Alcena**, Holt, S., Montes, G., D. Markowitz. 'Medicines and Me: hands-on health literacy lessons for adolescents.' Annual Meeting of the Society for Adolescent Health and Medicine (SAHM) Conference in San Diego, CA (2020). [Online Presentation].

**D. C. Alcena**, Holt, S., Montes, G., D. Markowitz. 'Medicines and Me: a series of hands-on health literacy lessons for adolescents.' National Association of Biology Teachers (NABT) Professional Development Conference in Chicago, IL (2019).

**D. C. Alcena**, D. Markowitz, et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' NIH SciEd Conference in Washington, DC (2019).

**D. C. Alcena**, D. Markowitz, et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' NIH SciEd Conference in Washington, DC (2018).

**D. C. Alcena**, D. Markowitz, et. al., et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' National Science Teachers Association (NSTA) Conference in Atlanta, GA (2018).

D. Markowitz, **D. C. Alcena**, et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' National Science Teachers Association (NSTA) Conference in Los Angeles, CA (2017).

**D. C. Alcena**, D. Markowitz, et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' NIH SciEd Conference in Washington, DC (2016).

**D. C. Alcena**, et. al. 'Identification of serum SLE-like auto-antibodies with cross reactivity to viral antigens in patients with HIV-1 infection.' AIDS Vaccine 2011 Conference in Bangkok, Thailand (2011).

**D. C. Alcena**, et. al. 'Quantifying Virus specific CTLs by Multiple Cytokine Staining.' Fourth Annual Biomedical Research Conference for Minority Students (ABRCMS), Dallas, TX (2004).

**D. C. Alcena**, D. Roach, 'Detuned Assay as a Surveillance tool for monitoring the Incidence of HIV in Trinidad and Tobago, WI.' Third Annual Biomedical Research Conference for Minority Students (ABRCMS), San Diego, CA (2003).

**D. C. Alcena**, K. Hoffman, E. Broomfield. 'Ways to Incorporate Soy into Your Daily Diet: potential source of food for space explorations.' Second Annual Biomedical Research Conference for Minority Students (ABRCMS) New Orleans, LA (2002).

**D. C. Alcena**, K. Hoffman, E. Broomfield. 'Ways to Incorporate Soy into Your Daily Diet: potential source of food for space explorations.' Third Annual Research Conference at Voorhees College; Awarded First Place (2001)

**D. C. Alcena**, K. Hoffman, E. Broomfield. 'Ways to Incorporate Soy into Your Daily Diet.' First Annual Tuskegee University Undergraduate Science and Engineering Conference (USEC); Awarded Fourth Place (2000).

### *PRESENTATIONS/WORKSHOPS*

**D. C. Alcena-Stiner**, Life Sciences Learning Center (LSLC) Community-based Internships for Post-baccalaureate Research Education Program (PREP) Scholars, University of Rochester, Rochester, NY. Invited speaker [June 14,2022]

**D. C. Alcena-Stiner**, Vaccine Hesitancy: Vaccinate me or not, Elizabeth Evelyn Wright 125th Legacy Convention, hosted by Voorhees University National Alumni Association, Columbia, SC. Invited speaker [June 11, 2022]

**D. C. Alcena-Stiner**, Community- Input Opportunities with the Life Sciences Learning Center (LSLC) Outreach for Youth Education on SARS (O-Yes) Project, Office of Community Schools Site Coordinator Network Meeting hosted by Strategic and Community Partnerships, Rochester City School District, Rochester, NY [Zoom] Invited Panelist/Presenter [April 12, 2022]

**D. C. Alcena-Stiner**, Addressing Vaccine Hesitancy Among Our Youth, Youth COVID Outreach Program (YCOP) meeting, Rochester, NY [Zoom] Invited speaker [March 23, 2022]

**D. C. Alcena-Stiner**, Opportunities at the Life Sciences Learning Center (LSLC), University of Rochester, Rochester, NY. Invited speaker [November 22, 2021]

**D. C. Alcena-Stiner**, Assessing the Feasibility, Usability and Accessibility of Youth-informed Research-directed Infectious Disease Health Literacy Programming (Youth Program), University of Rochester Clinical and Translational Science Institute (CTSI) Research Methods Forum [November 2, 2021]

**D. C. Alcena-Stiner**, RockEDU Science Outreach Summer Science Research Program (SSRP) Career Panel, The Rockefeller University. [Zoom]. Invited speaker [August 3, 2021]

**D. C. Alcena-Stiner**, I. Opara, C. J. Chandler, N. A. Nnawulezi. 'CBPR Approaches for Early Career HIV investigators' Research Education Institute for Diverse Scholars (REIDS) Summer Institute, Yale University. [Zoom]. Invited speaker [July 1, 2021]



**D. C. Alcena**, Holt, S., Montes, G., D. Markowitz. 'Classroom Lessons and Community Outreach Programs by the Life Sciences Learning Center (LSLC) to Promote Adolescent Health Literacy.' NIH Science Education Partnership Award (SEPA) Annual Meeting: Integrating Interactive Multimedia Session. [Zoom] Presenter [May 27, 2021]

**D. C. Alcena**, Holt, S., Montes, G., D. Markowitz. 'Virtual Field Trip For Ticks, Biodiversity and Climate.' NIH Science Education Partnership Award (SEPA) Annual Meeting: Integrating Interactive Multimedia Session. [Zoom] Presenter [May 27, 2021]

**D. C. Alcena-Stiner**, 'Investigating Interdisciplinary Community-based Approaches to Inform Adolescent Health Literacy Interventions.' Research Grand Rounds, University of Rochester School of Nursing. [Zoom]. Invited speaker [April 14, 2021]

**D. C. Alcena-Stiner, O. Walwyn-Pollard**, 'The Illusion of Accessibility in STEM.' Geriatric Oncology Diversity, Inclusion, Equity, and Justice Quarterly Seminar Series, University of Rochester. [Zoom]. Invited speaker [March 18, 2021]

**D. C. Alcena-Stiner**, & D. Markowitz. 'Adapting hands-on community environmental health (CEH) kits for use by nurses.' APHA Virtual Annual Meeting and Expo: Creating the Healthiest Nation: Preventing Violence. Program: Environment. Session: Support for Local Environmental Health. [Accepted: Oral Presentation, October 2020].

**D. C. Alcena-Stiner**, Holt, S., D. Markowitz. 'One health education: Developing classroom lessons and community outreach programs to promote adolescent health literacy.' APHA Virtual Annual Meeting and Expo: Creating the Healthiest Nation: Preventing Violence. Program: Public Health Education and Health Promotion. Session: Improving the Public Health and Healthcare Workforce through Innovative Teaching and Capacity Building Approaches (organized by HCWG). [Accepted: Round Table Presentation October 2020].

**D. C. Alcena-Stiner**, 2020 URBEST Retreat, The Dimensions of SciComm: A Science Communications Panel, University of Rochester Thinkers and Drinkers Program. [Zoom] Invited speaker [October 1, 2020]

**D. C. Alcena-Stiner**, Science to the General Audience, National Postdoc Appreciation Week Postdoc Showcase [Description: Ten postdocs each leading 5 min presentation about exciting developments in their research to a general audience]. University of Rochester Postdoctoral Association. [Zoom]. Invited panelist and judge [September 24, 2020]

**D. C. Alcena-Stiner**, RockEDU Science Outreach Summer Science Research Program (SSRP) Career Panel, The Rockefeller University. [Zoom]. Invited speaker [July 29, 2020]

**D. C. Alcena-Stiner**, J. Dozier. 'HIV Treatment and Prevention: Statistics Update.' National Week of Prayer for the Healing of AIDS (NWPFA): Healing Through Prayer, Education, Advocacy and Service. New Progressive Cathedral Church of God in Christ, Rochester, NY (2020). [2-hours presentation, March 4, 2020]

**D. C. Alcena-Stiner**, Choosing Career Paths in STEM. Annual Diversity in Science seminar series, University of Rochester Post-Baccalaureate Research Education Program (PREP) followed by Career panel Q&A. Invited Speaker [November 9, 2019]

**D. C. Alcena-Stiner.** 'Understanding HIV and Diabetes in African American Communities,' The National Black Leadership Commission on AIDS, Inc. Black History Lunch, Rochester Regional Health St. Mary's Campus, Rochester, NY. Keynote Speaker. [1-hour presentation, February 19, 2019]

**D. C. Alcena-Stiner,** D. Markowitz, et. al. Hands-on Life Sciences Learning Center Education. Roundtable Sessions, Curricular Tools Flea Market, NIH SciEd Conference in Washington, DC (2019). [Three-30-minute presentations, March 25, 2019]

**D. C. Alcena,** D. Markowitz, et. al. 'Medicines and Me: Understanding and Using Medicines Safely.' NIH SciEd Conference in Washington, DC (2018).

**D. C. Alcena,** S. Holt, and D. Markowitz. 'Hands-On Simulations of Bacterial Cell Transformation.' National Science Teachers Association Conference in Atlanta, GA (2018).

D. Markowitz, L. Brosnick, and **D. C. Alcena.** 'Neuroscience Activities for Your Biology Classroom.' National Science Teachers Association Full Day Pre-conference Workshop in Los Angeles, CA (2017).

D. Markowitz, L. Brosnick, and **D. C. Alcena.** 'A Case of Unintentional Overdose.' National Science Teachers Association Conference in Los Angeles, CA (2017).

D. Markowitz, L. Brosnick, and **D. C. Alcena.** 'Bone Fracture Risk and Big Data.' National Science Teachers Association Conference in Los Angeles, CA (2017).

**D. C. Alcena,** S. Holt, D. Markowitz. 'Hands-On Simulations of Bacterial Cell Transformation.' National Science Teachers Association Conference in Los Angeles, CA (2017).

## TEACHING EXPERIENCE *(see appendix)*

2021- 2021	Assistant Professor, School of Nursing, University of Rochester School of Medicine & Dentistry, Rochester, NY
2019 - 2021	Instructor, School of Nursing, University of Rochester School of Medicine & Dentistry, Rochester, NY
2014 - Present	Science Educator, Life Sciences Learning Center, University of Rochester, School of Medicine & Dentistry, Rochester, NY
2015 - 2021	Adjunct Faculty, Nazareth College, Fairport, NY
2014	Adjunct Faculty, St. John Fisher College, Fairport, NY
2013-2014	Instructor, University of Rochester, Rochester, NY
2007	Immunology Teaching Assistant, University of Rochester, School of Medicine & Dentistry, Rochester, NY
2001-2002	Biology Teaching Assistant, Voorhees College, Denmark, SC

## Graduate Courses

University of Rochester, School of Nursing, Rochester, NY

Year	Semester	Course	Title	Credit
2021	Fall	NUR560	Role of the Clinical Researcher, Doctoral Seminar, Guest Lecturer: <i>Interdisciplinary Community-based Approaches Informing Research</i>	0
2021	Summer	NSG 315	Microbiology Lab for the Health Sciences	1
2021	Spring	NLX 466	Epidemiology	3
2021	Spring	NSG 315	Microbiology Lab for the Health Sciences	1
2020	Fall	NSG 315	Microbiology Lab for the Health Sciences	1
2020	Spring	NLX 466	Epidemiology	3
2019	Spring	NLX 466	Epidemiology	3

## Community-Based Experiential Laboratory Courses

Life Sciences Learning Center, University of Rochester, School of Medicine & Dentistry, Rochester, NY  
 Basic observational and experimental skills developed through an inquiry-based approach

Year	Level	Lesson	(Site)
2021	HS	Ticks, Biodiversity, and Climate, One Health Education LSLC Virtual Field Trip (pilot-testing)	VFT
2022	HS	Ticks, Biodiversity, and Climate, One Health Education LSLC Virtual Field Trip (pilot-testing)	VFT
2022	MS	Mysterious Case of Brain Illness, One Health Education LSLC Virtual Field Trip (pilot-testing)	VFT
2022	HS	Antibiotic-Resistant Bacteria, One Health Education LSLC Virtual Field Trip (pilot-testing)	VFT
2020-2021	MS	One Health Education Middle School Lessons in Development	FT
2019-2020	HS	One Health Education: Mosquito Borne Infectious Diseases	FT
2019-2021	MS	One Health Education: Tick Borne Infectious Diseases	OTR
2018-2019	HS	Medicines and Me IV: Developing a New Flu Prevention Drug	FT
2016-2017	HS	Medicines and Me III: Over-the- Counter (OTC) Drug Research and Development	FT
2017	MS	Medicines and Me: 12-Corners Middle School Girls Science Club	OTR
2016	AD	Medicines and Me Lessons: A Call to Women of Color (ACTWOC)	OTR
2016	MS-AD	Medicines and Me Lessons: Project Trust Information and Services (TIPS) and Camp Good Days and Special Times	OTR
2016-2019	MS	Medicines and Me II: Medicines Can Look Like Candy	FT
2016	MS	Medicines and Me I: Drug Interactions	FT
2016	HS	Herd Immunity, Vaccination, Handwashing: Reducing Infectious Diseases	OTR
2016	HS	Herd Immunity, Vaccination, Handwashing: Reducing Infectious Diseases	FT
2016	AD	Medicines and Me Lessons in Development	OTR
2015	AD	Medicines and Me I: Drug Interactions	OTR
2015	MS	Medicines and Me Lessons in Development	FT
2015	HS	Medicines and Me Lessons in Development	FT
2015	MS	Pertussis Outbreak	FT
2015	MS	Disease Detectives	OTR
2015	MS	Taste Blind	OTR
2014-2016	MS	HIV Vaccine Development: Middle School	FT

2014-2016	HS	HIV Vaccine Development: High School	FT
2014-2016	AD	HIV Vaccine Development	OTR

*Multiple sessions of each lesson held throughout each year of a grant funded project*

*Level: High School (HS), Middle School (MS) Adult (AD) level lessons*

*Site: Virtual Field Trip (VFT) online, Field Trip (FT) on site lesson of UR medical center; On-the-Road (OTR) off-site lesson in community*

## Undergraduate Courses

### *Nazareth College, Rochester, NY*

Year	Semester	Course	Title	Credit
2021	Spring	BIOL 318L-80	Clinical Microbiology Laboratory	1
2021	Spring	BIOL 318L-81	Clinical Microbiology Laboratory	1
2021	Spring	BIOL 318L-82	Clinical Microbiology Laboratory	1
2020	Fall	BIOQ 103L-30	Biological Systems I Laboratory	1
2020	Spring	BIOL 318L-31	Clinical Microbiology Laboratory	1
2019	Fall	BIOQ 103L-30	Biological Systems I Laboratory	1
2019	Spring	BIOL 318L-31	Clinical Microbiology Laboratory	1
2018	Fall	BIOQ 103L-33	Biological Systems I Laboratory	1
2018	Fall	BIO 110L-30	Discovery and Inquiry	1
2017	Fall	BIOQ 103L-35	Biological Systems I Laboratory	1
2017	Spring	BIO 103-01	Biological Systems I Lecture	3
2017	Spring	BIO 110L-30	Discovery and Inquiry	1
2017	Spring	BIOL 318L-32	Clinical Microbiology Laboratory	1
2017	Spring	SCI 220-30	Interdisciplinary Science Communication	2
2016	Fall	BIO 103-06	Biological Systems I Lecture	3
2016	Fall	BIOQ 103L-31	Biological Systems I Laboratory	1
2016	Fall	BIOQ 103L-32	Biological Systems I Laboratory	1
2016	Spring	BIOL 318L-01	Clinical Microbiology Laboratory	1
2015	Fall	BIOQ 103L-31	Biological Systems I Laboratory	1
2015	Fall	BIOQ 103L-32	Biological Systems I Laboratory	1
2015	Fall	BIOQ 103L-33	Biological Systems I Laboratory	1

### *St. John Fisher College, Rochester, NY*

Year	Semester	Course	Title	Credit
2014	Fall	BIOL 127L	General Biology Laboratory	1
2014	Fall	BIOL 107C	Microbes & Disease Laboratory	1

### *University of Rochester, Rochester*

Year	Semester	Course	Title	Credit
2014	Summer	1CAS144/ OMS100	Biochemistry, for Early Connection Opportunity – Office of Minority Student Affairs (CRN73897)	0
2014	Spring	CAS109	Advanced Academic Writing Seminar	2
2013	Fall	CAS149	Culture of the Academy II	2

## SERVICE

### **Professional Organizations** (see appendix)

2022-Present Youth Service Quality Council (YSQC), Member  
2019-Present Alliance of Nurses for a Healthy Environment, Member  
2019-Present Association of Nurses in AIDS Care, Member  
2019-Present American Public Health Association, Member  
2019-Present Society for College Science Teachers, Member  
2019-Present National Science Teachers Association, Member  
2018-Present New York State Department of Education Board Certified, Registered Nurse  
2013-2014 National Postdoctoral Association (NPA) Diversity Subcommittee member  
2013-2016 National Postdoctoral Association Diversity Subcommittee, Member  
2012-2014 University of Rochester Postdoctoral Association, Chair/Co Chair

**Additional Affiliations and Activities** (see appendix)

2022-Present National COVID-19 Community Advisory Board (CAB) Coalition, Member  
2021-2022 Trust Building Advisory Work Group, Affiliate, Common Grounds Health Finger Lakes COVID-19 Vaccines Task Force, Rochester, NY  
2020-Present Qualitative Health Research Journal, Reviewer  
2020-Present AIDS Patient Care Journal, Reviewer  
2018-Present Journal of STEM Outreach, Reviewer  
2019-Present SON Manuscript and Research Team (SMART), Member  
2018-Present School of Nursing's Interdisciplinary Sexual Health and HIV Research (INSHHR) group, Member  
2018-2022 Women's Study in Sexual health and Empowerment (WISE) Study community advisory board (CAB) Co-chair, University of Rochester School of Nursing, Rochester, NY  
2013- 2014 Pipeline Mentoring Project (PMP), Coordinator, University of Rochester, Rochester, NY  
2013- 2014 Postdoctoral Association (PDA), Co-Chair, University of Rochester Medical Center, Rochester, NY  
2013- 2014 National Postdoctoral Association (NPA), Member: Meeting Committee & Diversity Subcommittee  
2013-2017 Center for AIDS Research (CFAR) Representative, University of Rochester, Rochester, NY  
2013 The Compact Institute for Teaching and Mentoring, University of Rochester representative and recruiter for open fellowships and faculty positions  
2013-2014 Academic Advisor and Graduate Retention Specialist, University of Rochester, Rochester, NY  
2013- 2014 Graduate Students of Color (GSOC) Council, University of Rochester, Advisor

2012- 2013	Postdoctoral Association, Chair, University of Rochester Medical Center, Rochester, NY
2011-Present	National Center for AIDS Research (CFAR) Community Advisory Board (CAB) Coalition (N3C), Founding member, Scientific and Community Engagement Committee Chair (2022-Present), Education Subcommittee Chair (2015-2017) Philadelphia, PA, (see appendix)
2011-2013	Developmental Center for AIDS Research (DCFAR) Representative, University of Rochester, Rochester, NY
2009-Present	The Rochester Twenty Pearls Foundation, Inc., President [2012-2015]
2009	Immunology Graduate Student Representative, Microbiology & Immunology Department, University of Rochester School of Medicine and Dentistry, Rochester, NY
2008-2018	A Call to Women of Color Social Gathering for women's health and wellness, Trillium Health, Planning Committee Member, Rochester, NY
2007-Present	Community Outreach Educator/Recruiter for HIV Vaccines Trials Unit (HVTU) Community Advisory Board (CAB) Global Representative, University of Rochester, Rochester, NY
2007-2014	AIDS Clinical Trials Group (ACTG) Community Advisory Board (CAB) Global Representative, University of Rochester, Rochester, NY
2001-2003	Student Acolyte to College Chaplin, Voorhees College, Denmark, SC
2001-Present	Alpha Kappa Alpha Sorority, Incorporated, Member, Health Committee Co-Chair, Corresponding Secretary, Hospitality committee [Eta Nu and Delta Nu Omega Chapters]

**Mentoring Across Academic Pipeline** (*see appendix*)

- University of Rochester, School of Nursing Research Assistant
- University of Rochester, School of Nursing Teaching Assistants
- Undergraduate Summer Research Internships- undergraduates interested in STEM fields
- Post Baccalaureate Research Education Program (PREP)- Recent college graduates
- Graduate Students of Color (GSOC) Council- Graduate students (Master-Doctorate)
- Life Sciences Learning Center (LSLC) Internships- Graduate students interested in teaching and community engagement

## APPENDIX

### ACADEMIC / RESEARCH POSITIONS AND EMPLOYMENT

#### **Assistant Director / Life Sciences Learning Center, University of Rochester, Rochester, NY [2018-Present]**

- Identify and pursue potential funding sources with center director to support future health literacy projects
- Broaden center mission to include adolescent infectious disease health literacy and wellness promotion
- Establish new community-based research collaborations to support infectious disease health literacy interventions
- Develop case-based experiential learning experiences to promote Science Technology Engineering and Math (STEM) awareness and scientific inquiry to K-12 students in hands-on teaching laboratories
- Develop curriculum for middle school and high school aged learners to align with NYS core standards
- Data analysis of pilot tested and field-tested classroom curriculum for learning outcome evaluation
- Teach weekly lessons for student field trips to the university as well as in their local classroom
- Train graduate students and post-doctoral fellows to improve their science teaching and communication skills
- Supervise undergraduate work-study students assisting with outreach lessons
- Organize national workshop for teacher's seeking to evaluate curricula (Los Angeles, CA, & Atlanta, GA,)

#### **Staff Scientist [2016-2018] Science Educator [2014-2016] /Life Sciences Learning Center, University of Rochester, Rochester, NY**

- Develop case-based experiential learning experiences to promote Science Technology Engineering and Math (STEM) awareness and scientific inquiry to K-12 students in hands-on teaching laboratories
- Teach weekly lessons for student field trips to the university as well as in their local classroom
- Supervise both undergraduate work-study students and graduate student interns assisting with outreach lessons
- Construct and disseminate hands-on science curricula for national testing by classroom teachers
- Data analysis of pilot tested and field-tested classroom curriculum for learning outcome evaluation
- Organize state-wide workshop for teacher's seeking to evaluate curricula (Buffalo, NY)

#### **Postdoctoral Associate / Nephrology Division, University of Rochester, Rochester, NY [2012-2013]**

- Manage two R01 NIH grants for the Principal Investigator
- Setup a new laboratory, oversaw renovations, safety inspections and equipped the space with supplies

- Design experiments and coordinate the logistics of human Influenza studies being conducted in the laboratory
- Analyze data for publication and future grant submissions

**Teaching Assistant / Immunology Course** – Microbiology and Immunology Department, University of Rochester, Rochester, NY [2007]

- Supported the Professor in various grading and student support activities
- Held weekly recitations /office hours for students to enhance the Professors lectures
- Generated teaching aids and provided students with supplementary study materials

**Doctoral Candidate**, Microbiology and Immunology Department, University of Rochester, Rochester, NY [2006 – 2012]

- Co-authored two articles [2009, 2012] and one first author article [2013]
- Presented research at local/national/international research conferences
- Advocate for community involvement in HIV/AIDS research at the National level on behalf of the URM
- Review research/clinical trial protocols and consent forms for AIDS Clinical Trials Group before approval

**Trainee and Lab Tech III / Post Baccalaureate Research Education Program (PREP)**

Infectious Disease Division/ Microbiology and Immunology Department, University of Rochester, Rochester, NY [2004 – 2006]

- As a Trainee and Lab Tech III, planned, conducted, and analyzed independent experiments
- Processed and assayed human blood samples for the various clinical studies conducted in the lab

**Undergraduate Researcher / Medical Research Foundation and Caribbean Epidemiology Center**, Sponsored by University of Maryland / Medical Research Foundation [Summer 2003]

- Researched Detuned Assay as a Surveillance Tool for Monitoring HIV
- Conducted experiments in Port of Spain, Trinidad and Tobago

**Laboratory Technician** Voorhees College, Denmark, SC [2000 – 2002]

- Prepared laboratories for advanced biology courses
- Assisted in the design of teaching materials for each course
- Maintained all department lab facilities under lab manager

**Summer Research Internship / Food and Nutritional Science Department**, Tuskegee University, Tuskegee, AL [Summer 2000]

- Conducted studies through Tuskegee/ NASA Center for Food and Environmental Systems for Human Exploration of Space (CFESH) Summer Internship Program
- Designed a 10-day Soy-based Meal Plan for Space Missions
- Researched the impacts of a Soy Food Diet

**Online Database Trainer / Medline Plus**, National Library of Medicine, Voorhees College, Denmark, SC [2003 – 2004]

**Teaching Assistant / Biology Course** –Science Department, Voorhees College, Denmark, SC [2001 – 2002]



**SUMMER SCHOLARS PROGRAM** Charleston, SC [Summer 2001 – Summer 2002]  
Advanced Basic Science Course work /non- matriculated, College of Charleston  
Medical School Course work/non- matriculated, Medical University of South Carolina

## AWARDS

**The Bridget Murtagh Community Achievement Award**, AIDS Clinical Trials Group, community advisory board (CAB), Washington, DC [2013 & 2014]

- Award established to recognize each ACTG CAB's contributions. The members of each Clinical research Site CAB nominates and votes for a person from the CAB who has exemplary dedication in their community.

## ONLINE TEACHING COURSES COMPLETED

Fall 2013 **Flipping- A “New” Generation for Active Learning in the STEM Classroom**, hosted by Center for the Integration of Research, Teaching and Learning (CIRTL) Network. Mini course exploring the dynamic aspects of flipping or inverting the classroom by actually utilizing a flipped model with participants.  
University of Rochester, Rochester, NY

Learning Objectives:

- Determine the value for flipping a STEM course
- Understand the general structure of a flipped class
- Become familiar with the different technological approaches to flipping courses
- Become exposed to the literature of how flipping can help to improve student learning outcomes
- Learn from other faculty how to flip a STEM class

Learning Outcomes:

- Identify realistic, well-defined and achievable learning goals
- Design effective and inclusive instructional materials, courses, learning environments, and curricula
- Align learning activities with learning goals and assessments
- Exposure to the literature associated with teaching, learning and assessment
- Describe the impact of learning communities on student learning
- Participate in professionally focused groups associated with teaching and learning

## ADVISING / STUDENT RETENTION

2013-2014 **Academic Advisor and Graduate Retention Specialist**  
The David T. Kearns Center for Leadership and Diversity in Arts, Sciences and Engineering, University of Rochester, Rochester, NY

Retention of under-represented minority (URM) graduate students:

- Contact with URM (students of color, etc.)

- Kearns Center Senior Administrators in necessary URM interventions/support programs

## Undergraduate Students/Connecting Graduate and Undergraduates:

- Provide direct individual and group advising for students affiliated with the Kearns Center who plan to attend graduate school.
- The Pipeline Mentoring Project Coordinator. Program connects graduate students of color, current undergraduates of color and first-generation students as they navigate toward successfully completing their degrees and look ahead to further study or work after graduation.

## Data and Reporting:

- Work with staff to assess the progress of recruitment efforts
- Track the progress of students of color in their graduate department
- Determine appropriate interventions for issues identified as problematic
  - Charles Augustus Thompson Lecture Series:
- Program Coordinator
- Series named after the first African American graduate of the University of Rochester in 1891, showcases guest lecturers from diverse backgrounds on campus.

## Inaugural Graduate Visitation Program for Administrators:

- Assisted in implementation of the inaugural visitation program for college program directors and administrative staff from minority serving institution with potential applicants from various backgrounds (low-income, first generation college and URM students interested in applying) to build new pipelines for minority recruitment into graduate level programs of study at the University of Rochester.

**ADVISING / MENTORING EXPERIENCE**2013-2014 **Graduate Students of Color (GSOC) Council, Advisor**

The David T. Kearns Center for Leadership and Diversity in Arts, Sciences and Engineering, University of Rochester, Rochester, NY

GSOC Council Purpose: raise awareness in regard to diversity in higher education throughout the community and the university and serves as a voice and advocate for students of color regarding university policies.

- Guided budget, Constitution and By-laws development to gain official recognition by the University of Rochester
- Scheduled monthly meetings and events to foster professional development skills
- Mentored and provided inclusive environments for students in their graduate studies
- Aided in the development of Annual Diversity Conference workshops hosted by GSOC
- Invisible Students: Graduate Students of Color at the U of R
- I Don't Believe in Diversity Anymore
- Poetry of Resistance: The Power of Our Words
- Provided guidance for **More Than A Month** film screening/discussion, which lead to the More Than A Month campus movement at the University of Rochester

**Teaching as Research Fellows, Mentor /Center for Excellence in Teaching and Learning**

- Mentoring graduate student conducting research addressing the question: “Do Students at Universities or Colleges with Established Scholar Programs to Support Underrepresented Minorities Succeed Toward Completion of their Science Degree?”

**Pipeline Mentoring Project, Organizer /Kearns Center for Leadership and Diversity**

- Recruited participants/Coordinated the mentoring program
- Paired graduate student mentors with undergraduate students

2009-2012 **Immunology Graduate Student Representative / Microbiology & Immunology Department**

- Peer mentored and advocated for Immunology students
- Helped first- and second-year graduate students acclimate to the graduate program when needed

2007- 2012 **Advisor/ Mentor / Lab Supervisor / UR Undergraduate Microbiology Immunology Students**

- Supervised Pre-medical undergraduate students from University of Rochester in the laboratory and beyond
- Mentored undergraduates as they conducted experiments, analyzed data and presented their findings
- Mentored Summer Undergraduate Research Fellowship (SURF) program participants as they conducted projects during the 8-week program
- Assisted peers in acclimating successfully to University life, studies, and community

2004-2013 **Peer Mentor and Recruiter / Post Baccalaureate Research Education Program (PREP)**

- Joined this noteworthy clinical/research program in 2004 that attracted students from around the USA
- Recommended suitable and safe housing, as well as information about the various nearby available resources
- Helped students navigate access to the region’s various social, recreational, and cultural opportunities
- Provided peers with critical guidance and mentoring to complete the program despite academic/life rigors
- Upon completion of the program, continued to serve as a Mentor and Recruiter

**SERVICE / LEADERSHIP EXPERIENCE**

**Community Advisory Board (CAB) Co-chair, Women’s Study in Sexual health and Empowerment (WISE) Study, University of Rochester School of Nursing, Rochester, NY**

- Co-organize 4-6 community meetings per year
- Foster community advocacy and ensure community perspectives are voiced in research approaches
- Contribute to health literacy related item development for survey tools
- Provide feedback on marketing tools

**Children's Faith Formation Instructor**, The Cathedral Community, Sacred Heart Cathedral, Rochester, NY [2019-Present]

- Trained annually in Creating A Safe Environment (CASE)
- Weekly volunteer at Roman Catholic parish of the Dioceses of Rochester (September-June)
- Development of lesson plans that are culturally and grade appropriate for immigrant and native U.S. youth
- Lead faith-based classes for grades 4-7
- Guide discussions for multicultural population with English as a second language learners

**Service Director**, The Fathers House Church, Rochester, NY [2014-2015]

- Direct technical service team, including lights, cameras, sounds, media and general stage management
- Regular use of "PlanningCenter.com" online software
- Volunteer for four serves per month

**Board Member**, Alcena Africa Hunger Fund [2009 – 2014] White Plains, NY

**Postdoctoral Association (PDA) Chair 2012-2013, Co-Chair**, University of Rochester, Rochester, NY [2013 – 2014]

- Provide leadership to the PDA and attend events
- Outreach for new members, grow and support PDA
- Onboard new postdocs in the PDA
- Annual budget planning
- Send Correspondence with the aid of the PDA secretary and communication coordinators
- Lead event planning, including National Postdoc Appreciation Week, seminars, workshops and panel discussions
  1. Facilitator, work/life balance panel discussion and CV/resume workshop
  2. Facilitator, CV/resume speed-reviewing (format similar to speed dating/networking)
  3. Facilitator, communication panel: How to communicate your science to others
  4. Elevator talk seminar: giving the 5-minute pitch
  5. Research Day: Poster sessions and workshops on science and professional development

**National Postdoctoral Association (NPA) member** [2012 – 2014]

- Meetings Committee plans Annual NPA meeting [Posters subcommittee, Co-Chair 2016]
  1. Participated in monthly conference calls to plan annual meeting
  2. Travel Awards subcommittee: designed the first online application form for travel award forms
  3. International & Diversity subcommittee: Advocated for diverse groups within the NPA

**Center For AIDS Research (CFAR) Community Advisory Board Representative** University of Rochester, Rochester, NY [2011-2017]

- Founding member of the National CFAR CAB Coalition [Education Subcommittee Co-Chair 2015-2017]
  1. Represented CFAR CABs as a national advocacy group and resource for

- community involvement in national CFAR initiatives.
2. Organized the creation, development, and sustainability of CFAR CABs on a national level
  3. Provided expertise on community ideas and concerns at National Meetings of CFARs.
  4. Advocated that each CFAR and any new CFAR have an active CAB; for the assessment of community engagement and involvement to be included in the request for application (RFA) for the development of CFARs; for the continuation of CFARs
  5. Established annual tracking and reporting on value added by the CFAR CABs
  6. Provided suggestions and consultation regarding future Cross CFAR Initiatives
  7. Provided expertise on community ideas to RFA development of CFAR grants (i.e., Developmental Awards, New Investigator Awards, etc.)
  8. Advocated for additional resources for community-based research at the national level
  9. Centralized consultation services and resources for individual CFAR CABs
  10. Educate local communities on health literacy and clinical trial process

**Immunology Graduate Student Representative / Microbiology & Immunology Department, University of Rochester, Rochester, NY [2009 – 2012]**

- Assisted with graduate recruiting efforts (e.g., recruitment weekend for the University of Rochester)
- Welcomed new graduate students at department events
- Provided peer support and a voice for graduate students within the department

**Mentor / Advisor / Lab Supervisor / UR Undergraduate Microbiology Immunology Students, University of Rochester, Rochester, NY [2007 – 2012]**

- Guided undergraduate students along their path to medical and graduate school
- Reviewed personal statements and provided mock interviews
- Advised undergraduate student each semester as they conducted biomedical bench research

**Community Outreach Recruiter / Aid Local HIV Vaccine Trials Unit (HVTU) Infectious Disease Division, University of Rochester, Rochester, NY [2007 –Present]**

- Annual retreat planning committee
  - Identify scientist to present their research in lay-terms to community members
- Founding member of Community Outreach team of students
  - Educated community on clinical trials at the University of Rochester
  - Recruited participants into ongoing and upcoming clinical trials for vaccine candidates

**AIDS Clinical Trials Group (ACTG) Community Advisory Board (CAB) Representative, University of Rochester, Rochester, NY [2007 – 2015]**

- Represent Rochester's two sites at the national level
  1. Advocated for HIV-positive community & vote on the focus and direction of community engagement
  2. Lead protocol review discussions locally and provided feedback on a national level monthly
  3. Participated in a global (Africa, Caribbean, North America, South America) monthly

conference call & annual meetings in Washington, DC to discuss ACTG CAB agenda on behalf of Rochester CABs

**The Rochester Twenty Pearls Foundation, Inc., Rochester, NY Member [2009 – Present] President [2014-2015] Vice President [2013-2014] Board Member [2011 – 2015]**

501(c) 3 non-profit established by Delta Nu Omega Chapter members to serve as a vehicle to foster charitable giving in the Rochester community by raising and distributing funds for educational and charitable programs including, but not limited to educational scholarships totaling \$108,875 to 123 recipients

- Restructured foundation to align with the New York State Nonprofit Revitalization Act of 2013
- Performed yearly service functions for local community
- Provided the leadership to raise thousands of dollars in scholarships for Rochester City School District students
- Helped local RCSD students to attend the region's various social, recreational, and cultural opportunities
- Enabled high school level students to gain access to institutions of higher education through scholarship

**Planning Committee Member, A Call to Women of Color Social Gathering, Rochester, NY2 [2008 – 2017]**

- Community service event to empower and educate women of color in Rochester about their physical and mental health (hosted by Trillium Health)

**Alpha Kappa Alpha Sorority, Inc., Member, City of Rochester and Voorhees Chapters [2001-Present]**

First African American Greek Letter organization founded in 1908 at Howard University with the motto: Service to All Mankind

**Co-Chair for Health Initiative, Delta Nu Omega Chapter [2005 – 2015]**

- Performed yearly service functions for local community, including but not limited to health/wellness education

**Corresponding Secretary, Eta Nu Chapter [2001 – 2004]**

**Chair, Great Lakes Regional Conference Medical Response Team [2013]**

- **Chair**, Conference Wardrobe Committee, involving attire purchases for 71 women
- Served on the Fundraising Standing Committee involving the orchestration of annual signature events
- Hosted 1500+ sorority members from the Great Lakes Region for the 82<sup>nd</sup> Great Lakes Regional Conference

**Member, Annual Retreat Committee**

- Presented an "Effective Communications" workshop at 2014 leadership retreat for 50 women

**Student Acolyte to College Chaplain Voorhees College St. Philips Chapel, Denmark, SC [2001-2003]**

- Performed ceremonial duties during Tuesday Chapel Services as assigned by the Chaplin of the college.
- Performed ceremonial duties during All College Assemblies as assigned by the Chaplin of the college.
- Attended Camp Weed Cerveny Conference Center (Live Oak, FL) as a student ambassador for Voorhees College
- Attended Bishop Gravatt Camp & Conference Center (Aiken, SC) as a student ambassador for Voorhees College

**ADDITIONAL ACTIVITIES**

Former Professional Cheerleader/Dancer: Captain, Rochester Knighthawks; Member, Rochester Rattlers, Rochester Razor Sharks, & Rochester Americans (Amerks) professional sports teams

References Furnished Upon Request