Lorna I. Rivera, M.S.

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Education

2011	M.S.	University of Florida, Gainesville, FL.	Health Education & Behavior.
2010	B.S.	University of Florida, Gainesville, FL.	Health Education. Cum Laude.

Employment

2016 – present	Research Scientist II, Georgia Institute of Technology, CEISMC, Atlanta, GA.
2018 – present	CEO, Rivera Research, LLC, El Cerrito, CA.
2016 – 2018	Center Affiliate, National Center for Supercomputing Applications (NCSA), University of Illinois at Urbana-Champaign, Urbana, IL.
2014 – 2016	Senior Research Specialist, University of Illinois at Urbana-Champaign, I-STEM, Champaign, IL.
2011 - 2014	Research Specialist, University of Illinois at Urbana-Champaign, I-STEM, Champaign, IL.
2009 - 2011	Research Assistant, University of Florida, College of Medicine, Division of Neonatology, Gainesville, FL.
2010	Graduate Research Assistant, University of Florida, College of Health and Human Performance, Department of Health Education and Behavior, Gainesville, FL.
2010	Intern, March of Dimes, Gainesville, FL.

Professional Service

2019	National Science Foundation Site Visit Team Member
2017 - present	Women in HPC (WHPC) Executive Board, Research Director
2017	PEARC17 Conference Workforce, Diversity, and Evaluation Chair
2016 - 2017	SC17 (Super Computing 2017) Conference Committee, Subcommittee: Inclusivity Research, Chair
2015 - 2017	LA RED (Latino/a Responsive Evaluation Discourse) Topical Interest Group, Leadership Committee Member, Subcommittee: Professional Development, Member
2015 - 2017	Women in HPC (WHPC) Advisory Board, Member
2015 - 2016	SC16 (Super Computing 2016) Conference Committee, Subcommittee: Diverse HPC Workforce, Member
2015 - 2016	University of Illinois at Urbana-Champaign Faculty Council for Equity and Access, Member

2015   The White House National Strategic Computing Initiative Workshop,
                Invited Participant

Awards and Honors

2017   HPC Wire Workforce Diversity Leadership Award: Reader's Choice for
                WHPC (Women in HPC).
2016   HPC Wire Diversity Leadership Award: Editor's Choice for WHPC (Women
                in HPC).
2016   HPC Wire Diversity Leadership Award: Reader's Choice for WHPC
                (Women in HPC).
2015   Best Education, Outreach, and Training Paper Award, XSEDE15
                conference, St. Louis, Missouri.
2010   Recognition for exceptional efforts to advance maternal and child health,
                March of Dimes, Gainesville, Florida.
2009 & 2010   College of Health and Human Performance President's Honor Roll,
                University of Florida, Gainesville, Florida.
2008   College of Health and Human Performance Dean's List, University of
                Florida, Gainesville, Florida.

Skills

Languages   Spanish (fluent reading and oral)
Programming   SQL (intermediate)
Technology   Course management systems, Dashboard software (Tableau), Online
                Survey Platforms (Qualtrics, Surveymonkey, Illinois Web Survey and
                Form Builder), Statistical Analysis (SPSS, MS Excel)

Evaluation Projects

2019 – present *NSF NRT-HDR: Data and Informatics Graduate Intern-traineeship:
                Materials at the Atomic Scale (DIGI-MAT)*
                An evaluation of an intern-traineeship program funded by the National
                Science Foundation, award number NRT-HRD- 1922758. The program
                combines research with new curriculum, professional development, training,
                and research internships with external partners for PhD students in
                engineering, physics, statistics, and information science. Served as senior
                personnel and managed evaluation staff. Aided in proposal development
                including the drafting of evaluation plans, instruments and reporting plans.
                Directed data collection. Conducted observations, direct assessments,
                interviews, longitudinal tracking, and surveys with program participants and
                other key stakeholders. Prepared quarterly and annual reports. Participated
                in leadership and management meetings and teleconferences. Oversaw
                monthly expenditures. Attended site reviews and advisory meetings.
                Project Budget: $3,000,000

2018 – present   *Computing4Change*
An evaluation of an outreach program funded by the ACM Special Interest Group on High Performance Computing (ACM SIGHPC). The program aims to engage underrepresented students in advanced data analysis and visualization to identify and communicate data-driven policy solutions to pressing social issues. Drafted evaluation proposal, secured funding, developed evaluation plans and instruments, conducted data collection, reporting, and final presentation of findings.
Evaluation Budget: $25,000

2017 – present   *NSF INCLUDES DDLP: SPICE (Supporting Pacific Indigenous Computing Excellence) Data Science Program for Native Hawaiians and Pacific Islanders*
An evaluation of a pilot program funded by the National Science Foundation, award number HRD-1744526. The program aims to establish a model for data science preparation of Native Hawaiian and Pacific Islander (NHPI) students at the high school and undergraduate levels. Aided in proposal development including the development of evaluation plans, instruments and reporting plans. Directed data collection. Conducted observations, direct assessments, interviews, longitudinal tracking, and surveys with program participants and other key stakeholders. Prepared quarterly and annual reports. Participated in leadership and management meetings and teleconferences. Oversaw monthly expenditures. Attended site reviews and advisory meetings.
Project Budget: $299,996

2016 – present   *XSEDE 2.0: Integrating, Enabling and Enhancing National Cyberinfrastructure with Expanding Community Involvement*
An evaluation of the resources and services provided by a virtual cyberinfrastructure organization funded by the National Science Foundation, award number ACI-1548562. The program aims to create and maintain open access to their collection of integrated advanced digital resources and services. Developed evaluation plans, instruments and reporting plans. Directed data collection at regional and international levels. Served as Deputy Director of the External Evaluation. Conducted observations, direct assessments, interviews, longitudinal tracking, climate studies, and surveys with program participants and other key stakeholders. Prepared quarterly and annual reports. Participated in leadership and management meetings and teleconferences. Oversaw monthly expenditures. Attended quarterly and annual meetings, site reviews and advisory meetings. Provided general supervision, direction and/or instruction to staff, graduate students, and undergraduate students involved with the project.
Supervisor: Lizanne DeStefano, Ph.D.
Project Budget: $92,343,243

2013 - 2018   *Blue Waters Community Engagement Project: NEISP2 Program Evaluation*
An evaluation of the community engagement activities of the National Science Foundation funded Blue Waters supercomputer, award number ACI-1238993. The program aims to train and educate current and future generations of scientists and engineers to make effective use of the capabilities provided by Blue Waters and other petascale computing systems. Developed evaluation plans and statements of work. Assisted with evaluation plans and data collection activities through coordination between interrelated projects including XSEDE and CADENS. Participated in leadership and management meetings and teleconferences. Attended quarterly and annual meetings.
Supervisor: Lizanne DeStefano, Ph.D.
Project Budget: $126,127,000

2015 – 2017   *Advanced Computing for Social Change Evaluation*
An evaluation of the Advanced Computing for Social Change (ACSC) program funded by the University of Texas at Austin's Texas Advanced Computing Center (TACC), Institute of Electrical and Electronics Engineers (IEEE), and the eXtreme Science and Engineering Discovery Environment (XSEDE). The program aims to engage underrepresented students in advanced computing through a series of social action challenges at the SC conference. Rivera wrote proposal, secured funding, developed evaluation plans and instruments, conducted data collection, reporting, and final presentation of findings to SC16, SC17, and Steering Committees.
Project Annual Budget: $12,100

2011 - 2016   *Extreme Science and Engineering Discovery Environment Program Evaluation (XSEDE)*
An evaluation of the resources and services provided by a virtual cyberinfrastructure organization funded by the National Science Foundation, award number ACI-1053575. The program aims to create and maintain open access to their collection of integrated advanced digital resources and services. Developed evaluation plans, instruments and reporting plans. Directed data collection at regional and international levels. Conducted observations, direct assessments, interviews, longitudinal tracking, climate studies, and surveys with program participants and other key stakeholders. Prepared quarterly and annual reports. Participated in leadership and management meetings and teleconferences. Oversaw monthly expenditures. Attended quarterly and annual meetings, site reviews and advisory meetings. Provided general supervision, direction and/or instruction to staff, graduate students, and undergraduate students involved with the project.
Supervisor: Lizanne DeStefano, Ph.D.
Project Budget: $121,899,976

2014 - 2016   *The Centrality of Advanced Digitally Enabled Science: CADENS Program Evaluation*
An evaluation of the education and outreach activities of the National Science Foundation funded CADENS program, award number ACI-1445176. The program aims to produce ultra-high-resolution digital films for full dome theaters, high definition documentaries, and supplemental educational materials to increase public understanding of data derived from advanced digitally enabled scientific investigation. Assisted with the development of evaluation plans and data collection activities through coordination between interrelated projects including XSEDE and Blue Waters. Participated in leadership and management meetings as well as advisory board meetings.
Supervisor: Lizanne DeStefano, Ph.D.
Project Budget: $1,499,535

2015 – 2016   *SC16 Diverse HPC Workforce Evaluation*
An evaluation of the diversity efforts implemented throughout the IEEE (Institute of Electrical and Electronics Engineers) managed SC16 (Supercomputing 2016) conference. The conference aims to increase representation of women and underrepresented minorities among its attendees and presenters. Rivera wrote proposal to IEEE, secured funding, developed evaluation plans and instruments, conducted data collection, reporting, and final presentation of findings to SC16, SC17, and Steering Committees.
Project Budget: $22,325

2015 - 2016   *Readying Illinois Students for Excellence (RISE)*
An evaluation of the Readying Illinois Students for Excellence (RISE) program funded by the University of Illinois at Urbana-Champaign's Office of the Dean of Students - New Student Programs, Office of Inclusion and Intercultural Relations, and Office of the Provost. The program aims to prepare at risk incoming Illinois freshman for success during their first year at the university. Developed evaluation plans, instruments and reporting plans. Conducted data collection and prepared reports. Participated in leadership and management meetings.

2015   *Statewide Study of Feedback on Implementation of Key Illinois Education Initiatives*
A study commissioned by the Implementation Review Committee of the Illinois P-20 Council to guide recommendations provided to the Governor, General Assembly, and state agencies on strengthening the education system and supporting the Council's goals. Served as a culturally responsive interviewer during data collection activities conducted with Spanish speaking Illinois residents.
Supervisor: Lizanne DeStefano, Ph.D.

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2015   *Summer Internship for Native Americans in Genomics Program Evaluation*
An evaluation of the internship program for Native Americans in Genomics funded by the National Institutes of Health, award number 5R25HG007158-02. The program aims to introduce participants to fundamental concepts and methods in genomics and bioinformatics with a strong emphasis on bioethics, difficult histories of Native American encounters with science, and associated issues relevant to Native American culture. Conducted data collection and interim reporting.
Supervisor: Lizanne DeStefano, Ph.D.
Project Budget: $38,484

2014 - 2015   *Indiana University Advanced CyberInfrastructure Value Assessment*
An assessment of the value of Indiana University's (IU) advanced cyberinfrastructure to local faculty funded by the IU Office of the Vice President for IT and CIO (OVPIT). Developed proposal, evaluation plans, data collection instruments, and reporting plans. Conducted data collection including target interviews with IU faculty and senior administration. Composed final report for use by the OVPIT and IU Board of Trustees.
Supervisor: Lizanne DeStefano, Ph.D.
Evaluation Budget: $24,896

2012   *The College of Engineering Strategic Instructional Initiatives Program*
An evaluation of the College of Engineering Strategic Instructional Initiatives Program designed to renovate undergraduate engineering courses at *Illinois* to improve student engagement and learning outcomes. Submitted the *Illinois* campus Institutional Review Board (IRB) application along with one research associate and assisted in the initial development of evaluation plans and activities.
Supervisor: Lizanne DeStefano, Ph.D.

2012   *The National Assessment of Educational Progress Validity Studies: Inclusion Block for Reading*
A study with the objective to develop three accessible reading blocks of questions for pilot testing as part of the NAEP administration in 2013. Submitted the Illinois campus Institutional Review Board (IRB) application.
Supervisor: Lizanne DeStefano, Ph.D.

2011   *The Osher Lifelong Learning Institute Scientist Program*
A study of the Osher Lifelong Learning Institute Scientist Program to examine the experience of faculty and participants in the program. Conducted evaluation activities including collection and analysis of data and drafted evaluation reports for program staff.
Supervisor: Lizanne DeStefano, Ph.D.

Updated May 12, 2020

Publications

Peer Reviewed
Gordon, S.I., Demmel, J., DeStefano, L., & **Rivera, L.** (2016). *Implementing a collaborative online course to extend access to HPC skills*. Computing in Science & Engineering, 18(73), 73-79. doi:10.1109/MCSE.2016.6

Akli, L., Moore, S., **Rivera, L.** & Teller, P. (2014). *Training, education, and outreach— raising the bar*. Concurrency Computation: Practice and Experience. doi: 10.1002/cpe.3230

Technical Reports/Monographs
Rivera, L., DeStefano, L., & Wernert, J. (2020). *2019 XSEDE Staff Climate Study Report Executive Summary.* The eXtreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation. http://hdl.handle.net/2142/106127

Rivera, L., & DeStefano, L. (2019). *SC18 Computing4Change Executive Summary Report.* The eXtreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., **Rivera, L.,** & Wernert, J. (2019). *PEARC19 Advanced Computing for Social Change Executive Summary Report.* The eXtreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

Rivera, L., DeStefano, L., & Wernert, J. (2019). *2018 XSEDE Staff Climate Study Report Executive Summary.* The eXtreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation. http://hdl.handle.net/2142/102745

Rivera, L., DeStefano, L., & Wernert, J. (2018). *2018 Campus Champions Climate Study Report Executive Summary.* The eXtreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation. http://hdl.handle.net/2142/101863

Rivera, L., & DeStefano, L. (2018). *SC17 Advanced Computing for Social Change Evaluation Report.* Advanced Computing for Social Change; program cosponsored by the annual Supercomputing Conference Series and the National Science cyberinfrastructure Award, The Extreme Science and Engineering Discovery Environment.

DeStefano, L., **Rivera, L.,** & Wernert, J. (2017). *PEARC17 Practice & Experience in Advanced Research Computing Sustainability, Success and Impact Evaluation Report.*

DeStefano, L., & **Rivera, L.** (2017). *SC16 Diverse HPC Workforce Evaluation Report.* The International Conference for High Performance Computing, Networking, Storage, and

Analysis; annual conference sponsored by the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE).

DeStefano, L., & **Rivera, L.** (2017). *SC16 Social Action Network Program Evaluation Report.* Advanced Computing for Social Change; program cosponsored by the annual Supercomputing Conference Series and the National Science cyberinfrastructure Award, The Extreme Science and Engineering Discovery Environment.

DeStefano, L., & **Rivera, L.** (2016). *XSEDE Underrepresented Community Engagement: Institutional Engagement.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., & **Rivera, L.** (2015). *2015 XSEDE Staff Climate Study Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., & **Rivera, L.** (2015). *2015 International Summer School on HPC Challenges in Computational Science Evaluation Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., & **Rivera, L.** (2015). *Cyberinfrastructure Value Assessment Report.* Office of the Vice President for IT and CIO at Indiana University. Bloomington, IN.

DeStefano, L., & **Rivera, L.** (2014). *2014 XSEDE Staff Climate Study Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., & **Rivera, L.** (2014). *2014 International Summer School on HPC Challenges in Computational Science Evaluation Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., & **Rivera, L.** (2014). *XSEDE Underrepresented Community Engagement: The Pathway to Engagement.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., **Rivera, L.** & Garcia, G. (2013). *XSEDE Champion Case Study Report: A Successful Campus Champion.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L. & **Rivera, L.** (2013). *2013 Campus Bridging Pilot Evaluation Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., **Rivera, L.,** & Innes, E. (2013). *2013 XSEDE Staff Climate Study Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., **Rivera, L.** & Culbertson, M. (2013). *XSEDE Regional Workshops 2013 Evaluation Report.* The Extreme Science and Engineering Discovery Environment; cyberinfrastructure award through the National Science Foundation.

DeStefano, L., **Rivera, L.,** & Innes, E. (2011). *The Osher Lifelong Learning Institute Scientist Program Evaluation Report.* The Osher Lifelong Learning Institute; Institute for Genomic Biology; Beckman Institute for Advanced Science and Technology.

Presentations
*Invited
*Rivera, L. (2019, November). *Diversity Panel Discussion hosted by Intel Corporation.* Invited panelist at the SC19 conference, Denver, Colorado.

*Rivera, L. (2019, November). *Women in HPC Mentoring Program Findings and Highlights hosted by Georgia Institute of Technology.* Invited presentation at the SC19 conference, Denver, Colorado.

DeStefano, L., & **Rivera, L.** (2019, November). *The Long Game: Increasing Latinx Representation in STEM Evaluation.* Presented at the Evaluation 2019 conference in Minneapolis, Minnesota.

Mehringer, S., Myers, C., Houchins, J., & **Rivera, L.** (2019, July). *Mining Online Training Log Data.* Paper presented at the PEARC19 conference, Chicago, Illinois.

*Rivera, L. (2019, January). *SC18 Committee Climate Study Findings and Recommendations.* Climate survey results presented to the Supercomputing (SC) steering committee during annual turnover meeting.

*Rivera, L. (2019, January). *SC18 Committee Climate Study Findings and Recommendations.* Climate survey results presented to the Supercomputing (SC) conference planning committee during annual turnover meeting.

*Rivera, L. (2018, December). *2018 Champions Climate Study Findings.* Climate survey results presented to Champions program participants during monthly virtual meeting.

*Rivera, L. (2018, November). *Effectively Responding to Discrimination.* Invited speaker at the Women in HPC Workshop. Presented at the SC18 conference, Dallas, Texas.

Mullen, J., Filinger, W., Maiden, T., Brown, N., **Rivera, L.**, Urbanic, J., Nunez, K., Johnston, B., Pesatova, K., & Quinson, M. (2018, November). *Strategies for Inclusive and Scalable HPC Outreach and Education.* Birds of a Feather presented at SC18 in Dallas, Texas.

Williams, B., McNall, M., Gates, E., & **Rivera, L.** (2018, October). *Are We Part of the Problem or Solution?: Using Systems Approaches to Speak Truth(s) to Power(s) for Better or Worse.* Presidential Strand panel presented at the Evaluation 2018 Conference, Cleveland, Ohio.

Garcia, G., **Rivera, L.**, Gopez, G., Boyce, A., & Gates, E. (2018, October). *To Speak, or Not to Speak: Revealing Cultural & Contextual Dimensions of Speaking Truth to Power Through Skits.* Think Tank presented at the Evaluation 2018 Conference, Cleveland, Ohio.

DeStefano, L., & **Rivera, L.** (2018, August). *2018 XSEDE Staff Climate Study.* Climate study results presented to project management during quarterly review meeting plenary session at the Embassy Suites by Hilton Chicago O'Hare Rosemont, Rosemont, Illinois.

*Rivera, L. (2018, August). *Breaking the Glass Ceiling: Successfully Identifying and Addressing Selection Bias in a Student Program.* Keynote speaker at Rocky Mountain Advanced Computing Consortium Symposium (RMACC18) at the University of Colorado Boulder, Boulder, Colorado.

Gaither, K., Gomez, R., Turner, H., DeStefano, L., **Rivera, L.**, & Bland, M. (2018, July). *The Role Cultural Competency Plays in Teaching Data Science*. Paper presented at the PEARC18 conference, Pittsburgh, PA.

Mehringer, S., Maiden, T., **Rivera, L.**, & Urbanic, T. (2018, July). *Creating Effective Online Training Videos from Live Training Event Recordings*. Paper presented at the PEARC18 conference, Pittsburgh, PA.

*Gates, E., Gopez, G., Boyce, A., **Rivera, L.**, & Garcia, G. (2018, March). *Becoming better evaluators through reflective practice*. Presentation at the Chamblee Campus Evaluation Community of Practice meeting at the Centers for Disease Control and Prevention, Atlanta, GA.

Filinger, W., Brown, N., Mullen, J., Maiden, T., **Rivera, L.,** & Callaghan, S. (2017, November). *From Outreach to Education to Researcher - Innovative Ways of Expanding the HPC Community*. Birds of a Feather session. Presented at the SC17 conference, Denver, Colorado.

*Rivera, L. (2017, November). *Diversifying the HPC Workforce*. Invited panelist at the Women in HPC Workshop. Presented at the SC17 conference, Denver, Colorado.

*Rivera, L. (2017, November). *Why subtle bias is often worse than blatant discrimination*. Invited speaker at the Women in HPC Workshop. Presented at the SC17 conference, Denver, Colorado.

Collis, A., **Rivera, L.** (2017, November). *Recruitment: How to Build Diverse Teams*. Birds of a Feather session. Presented at the SC17 conference, Denver, Colorado.

Gates, E., **Rivera, L.,** Garcia, G., Gopez, G., & Boyce, A. (2017, November). *Becoming Better Evaluators Through Reflective Practice: Adventures & Insights from Diverse Evaluators Working in Academic, Government, & Consulting Contexts*. Panel presented at the Evaluation 2017 Conference, Washington, D.C.

DeStefano, L., & **Rivera, L.** (2017, September). *2017 XSEDE Staff Climate Study*. Climate study results presented to project management during quarterly review meeting plenary session at the Embassy Suites by Hilton Chicago O'Hare Rosemont, Rosemont, Illinois.

Rivera, L. (2017, September). *Diversity and Inclusion-XSEDE, RAS, XRAC, and Users*. Diversity and Inclusion data presented to XSEDE RAS management during annual retreat plenary session at the National Center for Atmospheric Research (NCAR), Boulder, Colorado.

*****Rivera, L.** (2017, July). *Debugging a Biased Student Selection System.* Invited speaker for the Women@NCSA seminar series, National Center for Supercomputing Applications, Urbana, Illinois.

*****Rivera, L.** (2017, July). *Crossing the Chasm: Best Practices in Reducing the Gender Gap in HPC*. Invited speaker at the PEARC17 conference, New Orleans, Louisiana.

Rivera, L. (2017, January). *SC16 Independent Evaluation Findings.* Presented to SC16, SC17, IEEE representatives, and SC Steering Committee members at the SC16/17 turnover meeting in Charleston, South Carolina.

Collis, A., **Rivera, L.** (2016, November). *How to Build Diverse Teams for More Effective Research*. BoF presented at the SC16 conference, Salt Lake City, Utah.

*****Rivera, L.** (2016, November). *Encouraging Diversity in Outreach Programs*. Invited speaker at HPC Outreach: Promoting Supercomputing to the Next Generation BoF. Presented at the SC16 conference, Salt Lake City, Utah.

*****Rivera, L.** (2016, November). *Methods that Work: Evidence-based Advice on Diversifying the HPC Community*. Invited speaker at Women in HPC Workshop. Presented at the SC16 conference, Salt Lake City, Utah.

DeStefano, L., & **Rivera, L.** (2016, October). *The Best of Both Worlds: How a Performance Dashboard Can Aide Program Evaluation Efforts in STEM*. Presented at the Evaluation 2016 conference in Atlanta, Georgia.

DeStefano, L., & **Rivera, L.** (2016, August). *2016 XSEDE Staff Climate Study*. Climate study results presented to project management during quarterly review meeting plenary

session at the Embassy Suites by Hilton Chicago O'Hare Rosemont, Rosemont, Illinois.

*Rivera, L. (2016, June). *Methods that Work: Evidence-based Advice on Diversifying the HPC Community*. Invited speaker at Women in HPC Workshop. Presented at the ISC16 conference, Frankfurt, Germany.

*Rivera, L. (2016, June). Panel: *Building A Better Workforce – Best Practices in Diversity and Inclusion.* Paper: *Overcoming Unconscious Bias*. Invited panelist and moderator at the CANHEIT | HPCS 2016 conference held at the University of Alberta, Alberta, Canada.

*Rivera, L. (2016, June). *Debugging a Biased Student Selection System*. Invited speaker at the Compute Canada TECC Summit for Compute Canada staff at the University of Alberta, Alberta, Canada.

*Rivera, L. (2016, June). *Debugging a Biased Student Selection System*. Guest seminar presented to the nano@illinois Research Experience for Teachers program participants, Champaign, Illinois.

*Rivera, L. (2016, March). *Research Reporting*. Guest lecture for University of North Carolina at Greensboro course ERM 604: Methods of Educational Research, Greensboro, North Carolina.

DeStefano, L., & **Rivera, L.** (2015, December). *2015 XSEDE Staff Climate Study*. Climate study results presented to project management during quarterly review meeting plenary session at the San Juan Marriott Resort & Stellaris Casino, San Juan, Puerto Rico.

*Rivera, L. (2015, November). *Diversity Panel Discussion hosted by Intel Corporation*. Invited panelist at the SC15 conference, Austin, Texas.

*DeStefano, L., & **Rivera, L.** (2015, November). *Best evaluation and assessment practices for HPC training*. Invited speaker at the 2nd Workshop on Best Practices in HPC Training. Presented at the SC15 conference, Austin, Texas.

*Rivera, L. (2015, November). *Women in HPC: Changing the Face of HPC*. Keynote Women in HPC workshop speaker at the SC15 conference, Austin, Texas.

*Rivera, L. (2015, November). *Data visualization for evaluation*. Guest lecture for University of North Carolina at Greensboro course ERM 642: Evaluation of Educational Programs, Greensboro, North Carolina.

*Rivera, L. (2015, September). *Increasing Participation of Under-Represented Groups in STEM: A Campus-Wide Collaborative Approach.* Presented to the Illinois Lieutenant Governor during campus visit, Champaign, Illinois.

DeStefano, L., & **Rivera, L.** (2015, September). *Pilot TEOS Area Metrics Tableau Dashboard Demo*. Demonstrated capabilities of Tableau dashboard linked to data from XSEDE's central database to project management during quarterly meeting session conducted virtually at multiple sites.

*Rivera, L. (2015, July). *Women in the World of HPC: why diversity matters and why we don't have enough of it…a US perspective*. Presented at the ISC15 conference, Frankfurt, Germany.

Gordon, S., Demmel, J., DeStefano, L., & **Rivera, L.** (2015, July). *Extending Access to HPC Skills Through a Blended Online Course*. Paper presented at the XSEDE15 conference, St. Louis, Missouri.

*Rivera, L. (2015, June). *Surveymonkey for Teaching*. Guest lecture nano@illinois Research Experience for Teachers training session, Champaign, Illinois.

*Rivera, L. (2015, June). *Data Visualization for Teaching*. Guest lecture nano@illinois Research Experience for Teachers training session, Champaign, Illinois.

*Rivera, L. (2015, April). *Data Visualization for Evaluation*. Guest lecture at University of Illinois in Urbana-Champaign course EPSY471: Introduction to Evaluation Methods, Champaign, Illinois.

Rivera, L. (2015, March). *2015 Annual Champions Climate Study Findings*. Climate survey results presented to Champions program participants during monthly virtual meeting.

DeStefano, L., & **Rivera, L.** (2015, March). *XSEDE Champions Program Climate Study and External Evaluation*. Climate study results and evaluation overview were presented to program management at the Hyatt Regency Hotel, Dallas, Texas.

Tillman, A., & **Rivera, L.** (2014, September). *The Case for the Ubiquitous Evaluator: Establishing an Onsite and Virtual Presence in Multisite STEM Evaluation to Facilitate Cultural Responsiveness.* Paper presented at the Center for Culturally Responsive Evaluation and Assessment conference, Chicago, Illinois.

Rivera, L. & DeStefano, L. (2014, July), *Integrating Performance Measurement and Program Evaluation to Promote Understanding*. Paper presented at the XSEDE14 conference, Atlanta, Georgia.

*Rivera, L. (2014, June). *Partnerships in STEM Funding*. Presented at Pathways Resource Center Grant Writing Workshop titled "Getting the Grant: Sustaining and Growing Your STEM Programs Through Grant Funding," Champaign, Illinois.

*Rivera, L. (2014, May). P*rofessional Development Seminar on Surveymonkey for Evaluation*. Presented during I-STEM seminar series to I-STEM staff on best practices for conducting evaluations using Surveymonkey, Champaign, Illinois.

Rivera, L. (2014, March). *XSEDE Champions Program External Evaluation.* An overview of the evaluation and select program findings to date were presented to program management at the Four Points by Sheraton Chicago O'Hare Airport, Chicago, Illinois.

DeStefano, L. & **Rivera, L.** (2013, December). *Allocations Logic Model and XRAC Reviewer Survey.* Logic model developed and survey results presented to project management during project quarterly meeting plenary session at the Embassy Suites San Juan - Hotel & Casino, Isla Verde, Puerto Rico.

Rivera, L. & Culbertson, M. (2013, October). Panel: *Content, Pedagogy, and Diversity: Evaluating STEM (Science, Technology, Engineering, and Mathematics) Programs Using the Values-engaged, Educative Approach.* Paper: *Incorporating multiple stakeholder voices in a large-scale multi-site STEM evaluation.* Paper presented within a panel at the meeting for the American Evaluation Association conference, Washington, D.C.

Tillman, A.S., Downs, H., Jimenez, M.B., Juarez, G., & **Rivera, L.** (2013, October). *What Every Graduate Student and Novice Evaluator Should Know.* Panel presented at the meeting of the American Evaluation Association conference, Washington, D.C.

DeStefano, L. **Rivera, L.**, & Culbertson, M. (2013, September). *2013 XSEDE Staff Climate Study.* Climate survey results presented to project management during quarterly meeting plenary session at the Westin Arlington Gateway, Arlington, Virginia.

DeStefano, L. **Rivera, L.**, & Culbertson, M. (2013, August). *2013 XSEDE Staff Climate Study.* Climate survey results presented to project management during Strategic Management Team meeting via webinar.

Akli, L., Moore, S., **Rivera, L.** & Teller, P. (2013, July), *Training, Education, and Outreach—Raising the Bar.* Paper presented at the XSEDE13 conference, San Diego, California.

DeStefano, L. **Rivera, L.**, & Culbertson, M. (2013, June). *TEOS Longitudinal Tracking Through User Portal Proof-of-Concept.* Longitudinal tracking results presented to project management during quarterly meeting plenary session at Embassy Suites Indianapolis – Downtown, Indianapolis, Indiana.

Rivera, L. (2013, April). *Engage to Facilitate Change: What to do When Values Differ.* Paper presented at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

Rivera, L. (2013, April). Panel: *Values, Access, and Understanding: Attention to Culture and Diversity in STEM Evaluation.* Paper: *If you've got it, flaunt it: using your identity to gain access and credibility.* Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

DeStefano, L., Tillman, A.S., **Rivera, L.**, Gates, E. (March 2013). *I-STEM Education Initiative: Advancing STEM Education Through Public Engagement.* Poster presented at the 2013 University of Illinois at Urbana-Champaign Public Engagement Symposium, Champaign, IL.

Tillman, A., Juarez, G., & **Rivera, L.** (2012, October). *Navigating Complex Ecologies as Graduate Student and Novice Evaluators.* Roundtable presented at the American Evaluation Association, Minneapolis,Minnesota.

DeStefano, L. & **Rivera, L.** (2012, July), *The Role of Evaluation in a Large-scale Multi-site Project.* Paper presented at the XSEDE12 conference, Chicago, Illinois.

Rivera, L. (2012, May). *TEOS External Evaluation Overview and Select Findings.* An overview of the evaluation and select program findings to date were presented to the TEOS Advisory Board and program leadership at the Four Points by Sheraton Chicago O'Hare Airport, Chicago, Illinois.

DeStefano, L., Tillman, A.S., **Rivera, L.**, (March 2011). *I-STEM Education Initiative: Advancing STEM Education Through Public Engagement.* Poster presented at the 2011 University of Illinois at Urbana-Champaign Public Engagement Symposium, Champaign, IL.