

# Dr. SARAH L. RODRIGUEZ JONES PhD.

**Email: Sarah.Jones@tamuc.edu**

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## EDUCATION

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**PhD, Higher Education Leadership–Concentration: Mexican American Studies (2015)**

University of Texas, Austin, College of Education

Dissertation Topic: STEM Identity Development for Undergraduate Latinas in STEM

**MS, Educational Leadership & Policy Studies (2010)**

University of Tennessee, Knoxville, College of Education, Health, & Human Sciences

**BA, English & Spanish (2008)**

Texas A&M University – Commerce, College of Humanities, Social Sciences, & Arts

**Certificate, Intensive Spanish Language, Culture & Civilization (2007)**

Universidad de Granada, Andalucía, Spain, Centro de Lenguas Modernas

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## CURRENT APPOINTMENT

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**Iowa State University, Ames, IA**

**School of Education – Higher Education/Community College Leadership Program, Assistant Professor, 2015-Present**

- Research agenda: equity, access, and retention issues for underrepresented students in the educational pipeline
- Focus areas: Latinx students, science, technology, engineering, and mathematics (STEM), community colleges

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## PUBLICATIONS

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### REFEREED JOURNAL ARTICLES

**Rodriguez, S. L.**, Marron, T., Friedensen, R., Bartlett, M. (in press). Latina undergraduate students in STEM: The role of religious beliefs and STEM identity. *Journal of College and Character*.

Hatch, D. K., Garcia, C., Mardock, N. **Rodriguez, S. L.**, Young, D. (in press). What Works: Program Heterogeneity and Meta-Cognitive Learning in Community College Student Success Courses. *Teachers College Record*.

**Rodriguez, S.L.**, Lu, C., & Bartlett, M. (2018). Engineering identity development: A review of the higher education literature. *International Journal of Education in Mathematics, Science and Technology*. 6(3), 254-265.

**Rodriguez, S. L.**, Lehman, K. (2018). Developing the Next Generation of Diverse Computer Scientists: The Need for Enhanced, Intersectional Computer Science Identity Theory. *Computer Science Education*.

Sax, L. J., Blaney, J. M., Lehman, K. J., **Rodriguez, S. L.**, George, K. L., & Zavala, C. (2018). Sense of belonging in computing: The role of introductory courses for women and underrepresented minority students. *Social Sciences*, 7(8), 1-24.

Saenz, V. B., García-Louis, C., De Las Mercédez, C., & **Rodriguez, S. L.** (2018). A Study on Latino Males in Texas: How Female Family Members Shape the Educational Success of Latino Males in Postsecondary Education. *Journal of Hispanic Higher Education*.

**Rodriguez, S. L.**, Cunningham, K., Jordan, A. (2017). STEM identity development for Latinas: The role of self- and outside recognition. *Journal of Hispanic Higher Education*. DOI: 10.1177/1538192717739958

Saenz, V. B., Mercedes, C., **Rodriguez, S. L.**, & Garcia Louis, C. (2017). Latino Men and Their Fathers: Exploring How Community Cultural Wealth Influences Their Community College Success. *Association for Mexican American Educators Journal*, 11(2), 89-110.

**Rodriguez, S.L.**, Garbee, K., Miller, R. & Saenz, V.B. (2017). Creating Change, Managing Institutional Resources: A Qualitative Analysis of How Community Colleges in Texas Prioritize Resources to Provide Targeted Programming for Latino Men. *Community College Journal of Research and Practice*, 1-16. DOI: 10.1080/10668926.2017.1281179

**Rodriguez, S. L.**, Cunningham, K., Jordan, A. (2016). What a Scientist Looks Like: How Community Colleges Can Utilize and Enhance Science Identity Development as a Means to Improve Success for Women of Color. *Community College Journal of Research and Practice*, 41(4-5), 232-238. DOI: 10.1080/10668926.2016.1251354

**Rodriguez, S. L.**, Lu, C., Bukoski, B. E. (2016). "I Just Feel Like I Have to Duke It Out By Myself": How Latino Men Cope with Academic and Personal Obstacles During College. *Journal Committed to Social Change on Race and Ethnicity*, (2)2, 64-101. <https://tinyurl.com/ybb25h6j>

**Rodriguez, S. L.**, Massey, K., Saenz, V.B. (2016). Engaging Latino Men in Community Colleges: The Role of Student-Faculty Engagement. *Journal of Applied Research in the Community College*, 23(2), 21-40. <https://tinyurl.com/ycrv2mpg>

Saenz, V. B., Mayo, J., Miller, R. & **Rodriguez, S. L.** (2015). (Re)defining Masculinity Through Peer Interactions: Latino Men in Texas Community Colleges. *Journal of Student Affairs Research and Practice*, 52(2), 164-175. DOI: 10.1080/19496591.2015.1018269

Saenz, V. B., Bukoski, B. E., Lu, C., & **Rodriguez, S. L.** (2013). Latino Males in Texas Community Colleges: A Phenomenological Study of Masculinity Constructs and Their Effect on College Experiences. *Journal of African American Males in Education*, 4(2), 82-102. <https://tinyurl.com/yc7geozc>

## RESEARCH/POLICY BRIEFS & REPORTS

Ali, S.R., **Rodriguez, S.L.**, Kim, J.Y.C., Xiao, M., Li, C. (September, 2018). IINSPIRE LSAMP Career Development Study: Preliminary Findings. LSAMP IINSPIRE Program Research Brief Series. Ames, IA: Iowa State University.

Ali, S.R., **Rodriguez, S.L.**, Kim, J.Y.C., Xiao, M. (October, 2017). IINSPIRE LSAMP Career Development Study Design & Piloting: How Using Social Cognitive Career Theory Can

Improve STEM Experiences for URM. LSAMP IINSPIRE Program Research Brief Series. Ames, IA: Iowa State University.

**Rodriguez, S. L.,** Vasquez, M., Salinas, C. (2017). Texas Education Consortium for Male Students of Color Policy Brief Series: Latino Men and Masculinities: Community College Transfer Experiences in Texas, California, and Florida. Austin, TX: University of Texas at Austin.

**Rodriguez, S. L.** (2016). Texas Education Consortium for Male Students of Color Policy Brief Series: How Latino men cope with academic and social obstacles during college. Austin, TX: University of Texas at Austin.

Saenz, V. B., **Rodriguez, S. L.,** Martinez, G. (2014). Policy brief: African American and Hispanic male success in Texas: A longitudinal 8th grade cohort study. Austin, TX: University of Texas at Austin.

**Rodriguez, S. L.** (2013). Research brief: Examining Latino boys' educational pathways and motivation for postsecondary educational success. Austin, TX: University of Texas at Austin.

**Rodriguez, S. L.** (2013). *Enhancing the STEM pipeline for Latina/o students in community college*. American Association of Hispanics in Higher Education Graduate Scholar PoliMemo Project: A Research Policy Hub on Latina/os and Higher Education. San Antonio, TX: University of Texas at San Antonio.

Ponjuan, L., Clark, M., Saenz, V.B. (2012). *Final Report - Boys in Peril: Examining Latino boys' educational pathways and motivation towards postsecondary education*. [Coordinated and co-authored writing final report of qualitative research findings]. Joint funding to University of Texas at Austin and University of Florida. TG Foundation: Round Rock, TX.

## BOOK CHAPTERS, BOOK REVIEWS, & OTHER PUBLICATIONS

**Rodriguez, S. L.** (2018). Women of Color: Architects for Systemic Change in Tomorrow's Higher Education Landscape. Annual National Association of Student Personnel Administrators (NASPA) Knowledge Community Publication. NASPA: Washington, D.C.

Lu, C., **Rodriguez, S. L.** (in press, 2018). Increasing the STEM Pipeline by Strengthening Latin@ Science Identity Development. In T. Yuen, E. Bonner, M. Arreguín-Anderson (Eds.), Under)Represented Latin@s in STEM: Increasing Participation Throughout Education and Workplace. New York, NY: Peter Lang.

Saenz, V. B., **Rodriguez, S. L.,** Pritchett, K., Estrada, J., Garbee, K. (2016). Latino Males in Higher Education: Administrator Awareness of the Emerging Challenges. In V.B. Saenz, L. Ponjuan, J. Figueroa (Eds.), *Ensuring the success of Latino males in higher education: A new national imperative* (pp. 177-191). Sterling, VA: Stylus Publishing.

**Rodriguez, S. L.** (2016). [Review of the book *Interactive Open Educational Resources: A Guide to Finding, Choosing, and Using What's Out There to Transform College Teaching*, by Shank, J.]. *The Review of Higher Education*, 39(3).

**Rodriguez, S. L.,** Saenz, V. B., Lu, C. (2014). Bridging the gap between community colleges and four-year universities to maximize effectiveness in STEM education for Latino males. In J. L. Wood & R. T. Palmer (Eds), *STEM Models of Success: Programs, Policies, and Practices in*

*the Community College (75-89)*. Charlotte, NC: Information Age.

**Rodriguez, S. L.** (Summer 2013). Identifying with a single identity? A way of the past. [Review of the book *Navigating multiple identities: Race, gender, culture, nationality, and roles*, by R. Josselson & M. Harway]. *The Review of Higher Education*, 36(3).

Cofer, J., Somers, P., Bukoski, B., & **Rodriguez, S. L.** (2012). Qualidade na educação superior: o desenvolvimento de medidas e relatórios significativos. *Qualidade Da Educação Superior: grupos investigativos internacionais em diálogo - v. 5*. EdiPUCRS. Porto Allegre, Rio Grande do Sul, Brazil.

**Rodriguez, S. L.**, & Glauser, T. L (2010). Making the connection: How student involvement affects African American social integration at a Predominantly White Institution. November/December ed. *Campus Activities Programming Magazine*, Columbia, SC.

## PUBLICATIONS – UNDER REVIEW

**Rodriguez, S. L.**, Estes, R., Sissel, M., Doran, E. (revised and resubmitted). Becoming La Ingeniera: Examining the Engineering Identity Development of Undergraduate Latinas. Submitted to the *Journal of Latinos in Education*.

**Rodriguez, S. L.**, Pilcher, A., Garcia-Tellez, N. (revised and resubmitted). The Influence of Familismo on Latina STEM Identity Development. Submitted to *Journal of Latinos in Education*.

**Rodriguez, S. L.**, Garbee, K., Poldosky Martinez, E. (under review). Coping with College Obstacles: The Complicated Role of Familia for First-generation Mexican American College Students. Submitted to *Journal of Hispanic Higher Education*.

## PUBLICATIONS – IN DEVELOPMENT

**Rodriguez, S. L.**, Cunningham, K. The Validation Experiences of Latinas in Science and Engineering: How Faculty, Peers, and Intersecting Identities Shape the College Experience.

**Rodriguez, S. L.**, Bukoski, B., Cunningham, K. Critiquing Oppression and Desiring Social Justice: How Undergraduate Latinas in STEM Engage in Acts of Resistance.

**Rodriguez, S. L.**, Cunningham, K., Estes, R., Sissel, M. SSTEM Successes and Challenges: Engineering Identity Development for Women in Computer, Electrical, and Software Engineering.

Friedensen, R.E., **Rodriguez, S.L.**, Doran, E. Documenting Engineering Identity: Electrical & Computer Engineering Departmental Documents and Student Identity.

**Rodriguez, S. L.**, Vasquez, M., Salinas, C. Understanding the Role of Masculinities in the Community College Transfer Experience: Latino Men in Texas, California, and Florida.

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## HONORS

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| 2018 | Faculty Fellow, American Association of Hispanics in Higher Education (AAHHE) – 1 of 12 selected nationally |
| 2017 | Invited Expert Scholar, African American Workforce Development National Society of                          |

- 2017 Black Physicists (NSBP) Pre-conference  
Emerging Faculty Leaders Academy, National Association of Student Personnel Administrators (NASPA) – 1 of 8 selected nationally
- 2016-17 Invited Expert Scholar & Featured Expert, RISE for Boys and Men of Color Convening, Penn State – US Top scholars/practitioners focused on boys and men of color
- 2016 Faculty/Staff Spotlight Award – Iowa State University, Office of Multicultural Student Affairs for National Hispanic Heritage Month
- 2016 Invited Participant, AERA Institute on Statistical Analysis for Education Policy: Using Large-Scale Data to Study Mathematics Education and Outcomes, American Educational Research Association (AERA)
- 2015 Invited Participant, CAHEP Early Career Workshop Association for the Study of Higher Education (ASHE)
- 2005-15 Gates Millennium Scholar, Bill & Melinda Gates Foundation (~\$200,000)
- 2012-15 UT Community College Leadership Program Endowment Honors Scholar, (\$35,000)
- 2015 Dr. Bill Lasher Doctoral Student Excellence Award
- 2015 UT-Austin College of Education Graduate Student Research Award (\$2,000)
- 2014 UT Division of Diversity and Community Engagement Rose Martinez Student Excellence Award
- 2013 Research Fellow, Carlos J. Vallejo Research Fellowship
- 2013 Emerging Scholar, American Educational Research Association (AERA)
- 2012 Graduate Student Fellow, American Association of Hispanics in Higher Education (AAHHE)
- 2010-11 Diversity Mentoring Fellowship – University of Texas, (\$25,000)

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## FUNDING

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“Reinventing the Instructional and Departmental Enterprise to Advance the Professional Formation of Electrical and Computer Engineers,” **National Science Foundation** (Improving Undergraduate STEM Education/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE:RED) Program), Grant No. 1623125, 2016-2021, **\$1,999,869**. 13 PIs from 1 institution (lead PI: D. Jiles (Department Chair – Electrical & Computer Engineering)). **S. L. Rodriguez: Co-PI & Lead Researcher (Qualitative – Engineering Identity Study)**. [Status: Won].

“WI-ECSEL: Women in Electrical, Computer, and Software Engineering as Leaders,” **National Science Foundation** Scholarships in Science, Technology, Engineering, and Mathematics program (Strand 2: S-STEM: Design & Dev -Type 2 Multi-Inst), Grant No. 1564748, 2016-2021, **\$4,054,476**. 13 PIs from 3 institutions (lead PI: Joseph Zambreno (Associate Professor)). **S. L. Rodriguez: Co-PI & Lead Researcher (Qualitative – Longitudinal Engineering Identity Study)**. [Status: Won].

“Collaborative Research: AGEP Transformation Alliance: CIRTL AGEP - Improved Academic Climate for STEM Dissertators and Postdocs to Increase Interest in Faculty Careers,” **National Science Foundation** (Alliances for Graduate Education and the Professoriate (AGEP) Program), 2016-2021, **\$401,626**. (lead PI: Craig Ogilvie (Asst Dean, Graduate College)). **S. L. Rodriguez: Co-lead PI & Co-Lead Researcher (Qualitative – Graduate Student Campus Environments & Faculty Career Interest Study)**. [Status: Won].

“Iowa/Illinois/Nebraska STEM Partnership for Innovation in Research and Education (IINSPIRE),” **National Science Foundation** (Louis Stokes Alliance for Minority Participation (LSAMP) Program), 2016-2021, **\$4,999,716**. (lead PI: Jonathan Wickert (Senior VP & Provost)). **S. L. Rodriguez: Co-PI & Co-Lead Researcher (Quantitative – STEM Career Development & Identity Study)**. [Status:

**Won].**

“Latino Men and Masculinity: Experiences in Community College Transfer in Texas, California, and Florida,” **Center for the Study of Community Colleges** Grants for Innovative Research on Community Colleges, 2016-18, **\$5,900**. 3 PIs from 3 institutions (**lead PI: Sarah Rodriguez**). Co-PIs: M. Vasquez-Urias & C. Salinas. [**Status: Won**].

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## **HIGHER EDUCATION EXPERIENCE**

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**University of Texas, Austin, TX**

**Charles A. Dana Center, New Mathways Project**

**Mentorship Program Coach, 2014-2015**

- Supported college implementation of the four principles of the NMP Model: multiple mathematics pathways, acceleration to complete college level math courses quickly, intentional use of strategies
- Developed skills and designed curriculum and pedagogy based on proven practices
- Reviewed monthly notes from college teams, providing feedback as needed, conducting conference calls with college administrators, and submitting brief progress reports.
- Developed a resource network for NMP implementation, including building relationships among colleges statewide as well as sharing data on student success pathways
- Provide tools to support regular communications among those colleges participating in the mentorship program

**University of Texas, Austin, TX**

**Center for Community College Student Engagement, Consultant & Graduate Research**

**Assistant, 2013-2015**

- Collaborated on the following Center Initiatives: *Identifying and Promoting High-Impact Educational Practices in Community Colleges*, *Improving Outcomes for Men of Color in Community Colleges*, and *Engaging Latino Students for Transfer and College Completion*
- Collaborated on writing for second national report on high-impact practices which highlights describes the relationship between students’ participation in particular practices and levels of engagement in college
- Analyzed and distilled findings for qualitative study on men of color in community colleges, then collaborated with Center team on national report
- Assisted with planning and preparations for institute associated with *Improving Outcomes for Men of Color in Community Colleges*, bringing together community colleges to identify institutional factors that inhibit and enhance success for African American and Latino males
- Created two- and four- year colleges documents to bring together these institutions in their evaluation of institutional environments for Latino transfer pathways and educational opportunities
- Conducted extensive literature review on Latino student engagement, transfer, and college completion, then developed community college educator’s fact sheet and reference files

**University of Texas, Austin, TX**

**Division of Diversity & Community Engagement, Project MALES (Mentoring to Achieve Latino Educational Success), Research Coordinator, 2010-2014**

- Worked closely with the Executive Director, internal and external research partners, and outside organizations to collect and analyze data, create and extend research partnerships, and disseminate relevant research findings regarding policy and practice
- Assists in resource development work for the Project, developing successful grant proposals; managing and monitoring success; and overseeing development of narrative reports to funders

- and partners, for approval by the Executive Director
- Planning and facilitating research efforts and yearly training of Project team, including 20+ staff, interns, and volunteers
- Managed advertisement and logistics for Annual UT Latino Male Symposium for over 300 attendees from across Texas
- Prepared and presented highly visible sessions at national, state, and local conferences and sponsored events to promote increased awareness of the Project, initiatives, and uses of research findings
- Coordinated all national, state, and local conference proposals from the time of submission to the time of presentation delivery.
- Co-authored numerous manuscripts, book chapters, and other publications centered upon Latino male student success

**Columbia University, New York, NY**  
**Teachers College, College Educational Quality (CEQ) Project**  
**Regional Research Team, 2013-2014**

- Observed a variety of classroom settings and content areas to rate educational quality, academic rigor, and learning objectives for large-scale, national initiative aimed at understanding educational quality
- Participated in inter-rater reliability exercises to ensure in-depth working knowledge of project conceptual framework and maintain research reliability
- Engaged in debrief discussions with regional team regarding important details of classroom observations and research site logistics

**University of Texas at Austin, Austin, TX**  
**Public Policy Institute, Graduate Research Assistant, 2011-2015 (Summers)**

- Developed Latino male policy blueprint for academic success in higher education
- Designed and administered pre-college quantitative and qualitative research studies with students and families involved with the National Hispanic Institute
- Composed research analysis reports regarding Latino experiences with the pathway to higher education
- Hosted team trainings on how to utilize data analysis software, write for publication, and create strategic plans

**University of Tennessee, Knoxville, TN**  
**Career Opportunities for Students with Disabilities & Disability-Careers Office**  
**Graduate Assistant, 2008-2010**

- Provided individualized career counseling to university students with disabilities
- Organized regional student summits bringing together 60+ college students or recent alumni with disabilities and 10 select national and regional employers for a networking and education summit
- Assisted in coordination of national conferences for corporate, education, & service provider partners, including facilitation of student-employer discussions
- Prepare and present workshops, and speeches/presentations about initiatives, representing COSD and The University of Tennessee in a high-level

**University of Tennessee – System, Knoxville, TN**  
**Vice President-Academic Affairs & Student Success, Intern, 2009-2010**

- Coordinated logistics and content for system-wide learning outcomes meetings
- Created summaries of National Survey of Student Engagement (NSSE) data for University of Tennessee system chancellors' program review
- Benchmarked with other campuses regarding usage and display of NSSE data

- Analyzed educational trends in order to assist with revisions to university scorecards within the system

### **University of Tennessee, Knoxville, TN**

#### **Women's Leadership Programs, Program Intern, 2009**

- Administered \$15,000 grant for women's leadership programming
- Oversaw 100+ participants, including students, faculty, administrators, and prominent Knoxville community members within Women's Mentoring Network
- Managed all logistics for program events and workshops

### **Trinity Valley Community College, Athens, TX**

#### **Academic Education & Institutional Planning, Assessment Intern, 2006-2009**

- Created dual/concurrent credit guidebook used by over 1,000 students each semester
- Designed assessment instruments and served as liaison for correspondence between early college high school program and college
- Compiled and analyzed data for regional SACS accreditation report
- Assisted with writing and compiling Quality Enhancement Plan documents

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## **TEACHING & TUTORING EXPERIENCE**

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### **Iowa State University, Ames, IA**

2015-Present      Advanced Qualitative Inquiry in Education (Doctoral)  
                           Critical Issues in Qualitative Inquiry (Doctoral)  
                           Introduction to Qualitative Research Methodology (Doctoral)  
                           Foundations of Educational Inquiry (Doctoral)  
                           Introduction to Educational Research (Masters/Doctoral)  
                           Independent Studies (Masters/Doctoral)

### **University of Texas, Austin, TX**

2013-2014      Intro to Peer Mentoring and Leadership (Undergraduate), Co-teacher  
 2013              Mexican American Policy (Undergraduate), Teaching Assistant  
 2012              Qualitative Research Methods (Doctoral), Teaching Assistant

### **Austin Independent School District – Burnet Middle School, Austin, TX**

2011              8th Grade English & Language Arts, English Tutor

### **Commerce ISD – Commerce High School, Commerce, TX**

2008              10th Grade World Literature/English & Language Arts, Teaching Intern  
 (Currently Certified)

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## **SCHOLARLY PRESENTATIONS**

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### **REFEREED CONFERENCE PAPER PRESENTATIONS**

**Rodriguez, S. L.**, Friedensen, R., Doran, R., Martinez-Podolsky, E. Henesteg, P. (2018, November). Inclusion & Marginalization: How Perceptions of Design Thinking Pedagogy Influence Computer, Electrical, and Software Engineering Identity. Annual Convention for the Association for the Study of Higher Education, Tampa, FL.



**Rodriguez, S.,** Lu., C., Bukoski, B. (2018, November). Exploring How Gay Latinx Men Use Emotion Regulation to Overcome Academic and Personal Obstacles. Annual Convention for the Association for the Study of Higher Education, Tampa, FL.

**Rodriguez, S.,** Garbee, K., Martínez-Podolsky, E. (2018, October). Coping with College Obstacles: The Complicated Role of Familia for First-generation Mexican American College Students. University of Iowa College of Education Latinx Educational Excellence in the Midwest Conference, Iowa City, IA.

**Rodriguez, S.L.,** Sissel, M., Estes, R., Doran, E. (2018, April). Engineering Identity for Latina Undergraduate Students: Exploring Development and Intersecting Identities. Collaborative Network for Engineering and Computing Diversity Conference, Crystal City, VA.

Friedensen, R.E., **Rodriguez, S.L.,** Doran, E. (2018, June). Documenting Engineering Identity: Electrical & Computer Engineering Departmental Documents and Student Identity. Annual Meeting American Society for Engineering Education, Salt Lake City, UT.

**Rodriguez, S. L.,** Cunningham, K., Estes, N., Sissel, M. (2018, April). SSTEM Successes and Challenges: Engineering Identity Development for Women in Computer, Electrical, and Software Engineering. American Educational Research Association, New York, NY.

**Rodriguez, S. L.,** Bukoski, B. (2017, November). Critiquing Oppression and Desiring Social Justice: How Undergraduate Latinas in STEM Engage in Acts of Resistance. Annual Convention for the Association for the Study of Higher Education, Houston, TX.

Sax, L., Blaney, J., Lehman, K., **Rodriguez, S. L.,** George, K., Zavala, C. (2017, November). Sense of Belonging in Computer Science: The Role of Introductory Courses for Women and Underrepresented Minority Students. Annual Convention for the Association for the Study of Higher Education, Houston, TX.

Hatch, D., Garcia, C., Mardock Uman, N., **Rodriguez, S.** (2017, November). The Espoused and Enacted Curricula of Community College Student Success Courses: Clarifying Aims vs. Means for Design and Assessment. Annual Convention for the Association for the Study of Higher Education, Houston, TX.

**Rodriguez, S. L.,** Jordan, A. (2017, April). Latino Male Community College Students' Perceptions of Their Campus Environments. Annual Meeting for the Council for the Study of Community Colleges.

**Rodriguez, S. L.** Vasquez Urias, M., Salinas, C. (2017, April). Latino Men and Masculinities: Community College Transfer Experiences in Texas, California, and Florida. Annual Meeting for the Council for the Study of Community Colleges, Fort Worth, TX.

**Rodriguez, S. L.,** Pilcher, A., Garcia-Tellez, N. (April, 2017). The Influence of *Familismo* on Latina STEM identity development. Annual Meeting for the National Association of Student Personnel Administrators (NASPA), San Antonio, TX.

**Rodriguez, S. L. &** Marron, T. (March, 2017). Latinas in STEM: The Influence of Religious Identity on STEM Identity Development. Annual Meeting for the American Educational Research Association, San Antonio, TX.

**Rodriguez, S. L.** (November, 2016). Examining the Role that STEM Faculty and Peer Recognition Plays in the STEM Identity Development of Latinas. Annual Convention for the Association for the Study of Higher Education, Columbus, OH.

Hatch, D., Garcia, C. E., Uman, N. M., **Rodriguez, S. L.**, Young, D. G. (November, 2016). What Works and Why: Impact Heterogeneity and Designs of Community College Student Success Courses. Annual Convention for the Association for the Study of Higher Education, Columbus, OH.

Hatch, D., Garcia, C., **Rodriguez, S. L.** (2016, April). Best Laid Plans: Results from a National Survey of Community College Students. Annual Meeting for the Council for the Study of Community Colleges, Plano, TX.

**Rodriguez, S. L.** (2016, April). The Intersectional Nature of STEM Identity Development for Latinas. Annual Meeting for the American Educational Research Association, Washington, DC.

**Rodriguez, S. L.** (2015, November). STEM Identity Development for Latinas: The Role of Self- and Outside Recognition. Annual Convention for the Association for the Study of Higher Education, Denver, CO.

**Rodriguez, S. L.**, & Rincon, B. (2015, April). Exploring intersections of race and gender in STEM for Latina science identity development. Annual Meeting for the American Educational Research Association, Chicago, IL.

Saenz, V. B. Garcia, C., Hyoun, K., de las Mercedes, C, & **Rodriguez, S. L.**, (2015, April). Latina/o student success in mathematics: Examining the effects of gender and academic engagement on math performance. Annual Meeting for the American Educational Research Association, Chicago, IL.

**Rodriguez, S. L.**, Massey, K., Saenz, V.B. (2015, April). Engaging Latino Men in Community Colleges: The Role of Faculty-Student Interaction. Annual Meeting for the Council for the Study of Community Colleges, Fort Worth, TX.

**Rodriguez, S. L.** (2014, November). Las mujeres in the STEM pipeline: How Latina college students who persist in STEM majors develop and sustain their STEM Identities. Annual Convention for the Association for the Study of Higher Education, Washington, D. C.

Saenz, V. B., **Rodriguez, S. L.**, de las Mercedes, C., Peña, D. & Solis, H. (2014, November). The complicated role of fathers in Latino male postsecondary educational success: A Texas perspective. Annual Convention for the Association for the Study of Higher Education, Washington, D. C.

**Rodriguez, S. L.** & Bukoski, B. E. (2014, April). Intersections of race, gender, and sexuality: Postsecondary gay-identified and hetero-sexual Latino male coping responses. Annual Meeting for the American Educational Research Association, Philadelphia, PA.

Saenz, V. B. **Rodriguez, S. L.**, Garcia, C., & de las Mercedes, C. (2014, April). A Study on Latino males in Texas: How female family members shape postsecondary educational success. Annual Meeting for the American Educational Research Association, Philadelphia, PA.

Garbee, K., **Rodriguez, S. L.**, Miller, R., & Saenz, V. B. (2013, November). Managing institutional resources: A qualitative analysis of how colleges in Texas prioritize resources to provide targeted programming for Latino males. Annual Convention for the Association for the Study of Higher Education, St. Louis, MO.

**Rodriguez, S. L.** (2012, April). Overcoming college obstacles with la familia. Annual Meeting for the American Educational Research Association, San Francisco, CA.

Saenz, V., **Rodriguez, S. L.**, & de las Mercedes, C. (2012, April) Enhancing the success of Latino males at two-year & four-year institutions: Lessons learned from a comparative study of Texas institutions of higher education. Annual Meeting for the American Educational Research Association, San Francisco, CA.

**Rodriguez, S. L.** (2012, November) "I just feel like I have to duke it out by myself": How Latino male students cope with obstacles during college. Annual Convention for the Association for the Study of Higher Education, Las Vegas, NV.

Bukoski, B.E., Saenz, V. B., Lu, C., & **Rodriguez, S. L.** (2012, November) Latino males in Texas community colleges: A phenomenological study of masculinity constructs and their effect on college experiences. Annual Convention for the Association for the Study of Higher Education, Las Vegas, NV.

**Rodriguez, S. L.** (2012, August). From the voices of men: How Latino males cope with academic and social obstacles. Texas Higher Education Symposium, San Antonio, TX.

Saenz, V. B., & **Rodriguez, S. L.** (2012, August). Latino males in Texas community colleges: A phenomenological study of masculinity constructs and their effect on college experiences. Texas Higher Education Symposium, San Antonio, TX.

Saenz, V. B., Nava, M., **Rodriguez, S. L.**, Valdez, P., & Garbee, K. (2012, March). The silent crisis: Latino males in the educational pipeline. Inter-University Program for Latino Research Siglo XXI Conference, New York, NY.

Saenz, V. B., **Rodriguez, S. L.**, Pritchett, K., & Estrada, J. (2012, March). Latino males in higher education: Administrator awareness of the emerging crisis. American College Personnel Association Annual Convention, Louisville, KY.

Saenz, V. B., **Rodriguez, S. L.**, Lu, C., & Gonzalez, M. (2012, March). The impact of student perceptions and major persistence on first-year Latino males. American College Personnel Association Annual Convention, Louisville, KY.

**Rodriguez, S. L.** (2011, August). Getting through: Gender differences in coping responses of Latino/a students. Texas Higher Education Symposium, San Antonio, TX.

Saenz, V. B., **Rodriguez, S. L.**, Valdez, P., Lu, C., & Bukoski, B. E. (2011, August). The silent crisis: Latino males in the educational pipeline part II. Texas Higher Education Symposium, San Antonio, TX.

**Rodriguez, S. L.**, Glauser, T. L., & Sallee, M. W. (2010, March). Examining student involvement patterns of African American students on a predominantly White campus.

American College Personnel Association Annual Convention, Boston, MA.

## **ROUNDTABLE, POSTER, AND OTHER PRESENTATIONS**

Johnson, D., **Rodriguez, S.**, Smith, T., Lane, T., Osequera, L. Symposium--Research and Theory on Women of Color in STEM: Envisioning a Woke Agenda for STEM Equity. (2018, November). Annual Convention for the Association for the Study of Higher Education, Tampa, FL.

Lehman, K., Burt, B., Park., Riggers-Piehl, T., **Rodriguez, S.**, Snipes, J. (2018, November). Symposium--Catching the Spirit: A Discussion on the Role of Spirituality and Diversity in the Experiences of STEM Students. Annual Convention for the Association for the Study of Higher Education, Tampa, FL.

Doran, E., **Rodriguez, S.**, Friedensen, R. (2018, November). Making It Rain... Tears: The Struggles in Balancing Large-scale, Interdisciplinary Grants and One's Own Research Agenda. Annual Convention for the Association for the Study of Higher Education, Tampa, FL.

**Rodriguez, S. L.**, Doran, E., Friedensen, R. (2017, December). Revolutionizing Engineering Identity: Preliminary Findings from Iowa State University's RED/RIDE Project. Iowa Educational Research and Evaluation Association. Iowa City, IA.

**Rodriguez, S. L.** Martinez, Jr., E. (2017, November). ASHE Council for Ethnic Participation Symposium: Latino Males and the Community College: Understanding the Diversity of Experiences, Challenges and Successes. Submissions from: E. Abrica, E. Martinez, C. Salinas, M. Vasquez Urias. Discussant: J. Wood. Annual Convention for the Association for the Study of Higher Education, Houston, TX.

**Rodriguez, S. L.**, Estes, R., Sissel, M. (2017, April). Exploring How Latinas Develop Engineering Identities: A Preliminary Analysis. Annual Iowa Latina/o Education Initiative Conference, Ames, IA.

**Rodriguez, S. L.** (2017, February). Intersecting Identities & STEM Identity Development. Annual IINSPIRE Louis Stokes Alliance for Minority Participation (LSAMP) Conference. Ames, IA.

**Rodriguez, S. L.** (2016, April). This is What a Scientist Looks Like: How Community Colleges can Utilize Science Identity Theory as a means to Improving Success for Women of Color. Annual Meeting for the Council for the Study of Community Colleges. Plano, TX.

Vasquez-Urias, M., Harris III, F., Wood, L., **Rodriguez, S. L.**, Saenz, V.B. (2015, November). Men of Color in the Community College: Outcomes and Experiences. Annual Convention for the Association for the Study of Higher Education, Denver, CO.

**Rodriguez, S. L.**, (2014, February). Latinas in the STEM Pipeline. Texas Association of Chicanos in Higher Education Conference, Fort Worth, TX.

Harris, F., Wood, J. L., Saenz, V. S., Zamani-Gallaher, E., Harper, S., Ozuna, T., **Rodriguez, S. L.**, & Smith, J., Ponjuan, L. (2012, November) Critical issues facing minority men in community college: Implications for policy, practice, and future research. Annual Convention for the Association for the Study of Higher Education, Las Vegas, NV.

Saenz, V. B., **Rodriguez, S. L.**, & Smith, J. (2012, November) From research to action: The Project MALES (Mentoring to Achieve Latino Educational Success) intergenerational mentoring model. College Reading & Learning Association Annual Conference, Houston, TX.

Saenz, V. B., Bukoski, B. E., Lu, C., & **Rodriguez, S. L.**, (2012, February). Male (Dis)privilege: The Influence of masculinity and peers on the postsecondary pathways of Latino males. Texas Association of Chicanos in Higher Education Conference, Galveston, TX.

**Rodriguez, S. L.** (2011, November) *¡Si, se puede!...Or can we?* Gender differences in coping responses of Latino students. Annual Convention for the Association for the Study of Higher Education, Charlotte, NC.

**Rodriguez, S. L.** (2011, May). The silent crisis: Latino males in the educational pipeline – For K-12 Educators. Bill Martin Jr. Symposium, Commerce, TX.

Saenz, V. B., Nava, M., Valdez, P., **Rodriguez, S.L.**, & Lu, C. (2011, August). The silent crisis: Latino males in the educational pipeline part I. American Association of Hispanics in Higher Education National Conference, San Antonio, TX.

Saenz, V. B., Ponjuan, L., **Rodriguez, S. L.**, & Flores, G. (2011, May). Gates Millennium Scholars pathways to the PhD and Latino faculty mentors. American Association of Hispanics in Higher Education National Conference, San Antonio, TX.

Glauser, T. L., & **Rodriguez, S. L.** (2010, February). Making the connection: How student involvement affects African American social integration at a predominantly White Institution. National Association for Campus Activities National Convention, Boston, MA.

## INVITED SCHOLARLY PRESENTATIONS & PANELS

Rodriguez, S., Mendez, S., & Rosa, J. (2018, October). Educational Experiences of Latinx Children and Youth. Iowa State University, College of Human Sciences Week, Ames, IA.

**Rodriguez, S. L.** (2018, February). Considering Intersectional Identities for Latinx College Students. Scholar Mentor Webinar. Catch The Next Webinar Series. West Haven, CT.

Amey, M., **Rodriguez, S. L.** & Hill, L. (2018, February). Developing and Sustaining Effective Partnerships to Advance Change in STEM. In ASCN Webinar Series.

**Rodriguez, S. L.** (2018, February). Equity-Oriented, Inclusive Teaching in STEM. In CIRTL Topics in STEMinism: Strategies for Inclusive Undergraduate STEM Education.

**Rodriguez, S. L.** & Campos, E. (2018, January). Grant Writing 101: Dollars for Scholars. Invited Speaker. Project MALES Faculty Affiliates Symposium. Austin, TX.

**Rodriguez, S. L.** (2017, July). Positionality and Intersectionality in Critical Research Design. EDAD 995 Research Seminar: Critique and Design of Educational Research Using Large Data Sets. Guest Speaker. University of Nebraska – Lincoln: Lincoln, NE.

**Rodriguez, S. L.** (2016, December). Value of Race and Equity in Education – Equity Plenary 1. Equity Summit – Skyline College. San Bruno, CA.

**Rodriguez, S. L.** (2016, September). Becoming a Scientist: Considering How Latinas in College Develop Their Science Identities. Guest Lecture, Hispanic Heritage Month. United States Department of Agriculture – National Animal Disease Center. Ames, IA.

Burt, B., **Rodriguez, S. L.**, Coleman, S. (2016, August). Sustaining the Academic Pipeline Workshop Series: From Graduate Student to Faculty. Faculty Panelist. Ames, IA.

**Rodriguez, S. L.** (2016, August). Latino Men and Masculinity: Experiences in Community College Transfer in Texas. Invited Speaker. Texas Male Student Leadership Summit. Austin, TX.

**Rodriguez, S. L.** (2014, March). Latino Males in Texas Colleges: A Phenomenological Study of Masculinity Constructs & Their Effect of College Experiences. Invited Webinar – Texas Hispanic STEM Alliance/REL Southwest. SEDL/AIR: Austin, TX.

## **RADIO APPEARANCES & MEDIA**

- Access & Excellence (University of Texas at Austin), 2017, “Where Are They Now? Meet Several DDCE Grad Student Alums Who Are Diversifying Higher Ed.
- Iowa State College of Engineering News, 2016, “Iowa State University Receives \$2 million National Science Foundation Grant to Transform Approaches to Teaching and Learning in Electrical and Computer Engineering.”
- Iowa State College of Human Sciences News, 2016, “Research to Drive Systemic Change in STEM Diversity.”
- Iowa Public Radio, River to River, Radio Guest, 2016 [Diversity in STEM]
- Latino/a Scholar's Corner Blog, National Association of Student Personnel Administrators (NASPA) Contributor, 2016
- Iowa State Daily, 2015, “Workshop focuses on 'Sustaining the Academic Pipeline'.”
- Iowa State College of Human Sciences News, 2015, “Highly Sought-after Scholar Joins Iowa State’s Community College Leadership Program
- SASTEMIC Tech City USA Radio Guest, 2015 [Doctoral Studies Process & STEM Identity]

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## **SERVICE ACTIVITIES**

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### **INSTITUTIONAL SERVICE**

#### *University Level*

- ISUnidad Mentoring Initiative for Latinx Students, 2018-Present
- Latinx Student Success University-level Committee, 2016-Present
- Deferred Action for Childhood Arrivals (DACA) Scholarship Committee, 2018-Present
- Multicultural Student Scholarship Review, Crazy Horse Scholarship, 2017-Present
- Womyn of Color Network, Faculty Member Event Volunteer, 2016-Present
- Panelist, Black Graduate Student Association–Latin@ Graduate Student Association Faculty and Staff Meet and Greet, 2015

#### *College Level*

- Committee Member, College of Human Sciences Academic Standards Committee

#### *Departmental Level*

- RESEV Qualitative Sequence Task Force, 2017-Present
- Long Range Planning Committee, School of Education, 2016-Present
- Graduate Scholarships Committee, School of Education, 2016-Present
- Social Justice Collective, School of Education, Member, 2015-Present

- Hilton Endowed Chair Series Planning Sub-committee
- Colloquia Series Sub-committee
- Iowa Latina/o Education Initiative Annual Conference, Planning Team, 2015-Present

## NATIONAL SERVICE

- Advisory Board Member, AGEP Engineering Alliance, Award #1821008, National Science Foundation, 2018-Present
- Editorial Board Membership
  - *Community College Review*, 2018-Present
  - *Journal Committed to Social Change on Race and Ethnicity*, 2016-Present
- Scholar Mentor, Catch the Next/Puente, 2016-Present
- SEDL Texas Hispanic STEM Alliance, Planning Committee, 2014-2017
- National Science Foundation, Panel Reviewer, 2017
- Research Affiliations:
  - Project MALES, Faculty Affiliate, University of Texas at Austin, 2015-Present
  - Minority Male Community College Collaborative (M2C3), Faculty Affiliate, San Diego State University, 2015-Present
- Journal Reviewer:
  - *Journal of Women and Minorities in Science and Engineering*, 2016-Present
  - *Journal of Applied Research in the Community College*, 2015-Present
  - *Journal of Engineering Education*, 2015- Present
  - *AERA Open*, 2015-Present
  - *Journal of African American Males in Education*, 2014-2015
  - *Journal of Latinos and Education*, 2013-Present
- Membership in the following professional associations:
  - Association for the Study of Higher Education (ASHE), 2010-Present
    - Council for the Advancement of Higher Education Programs, Interim Secretary, 2018-Present
    - Council on Ethnic Participation Mentor, 2017-Present
    - Annual Conference Discussant, 2017-Present
    - Dissertation of the Year Committee, 2016-Present
    - Program Reviewer, 2011-Present
  - National Association of Student Personnel Administrators (NASPA)
    - Co-chair Latino Knowledge Community (LKC) Research and Scholarship Committee, 2016-2018
  - Council for the Study of Community Colleges (CSCC), 2013-Present
    - Program Reviewer, 2015-Present
  - American Educational Research Association (AERA), 2012-Present
    - Program Reviewer, 2012-Present
  - American Association of Hispanics in Higher Education (AAHHE), 2010-2018
  - American College Personnel Association – College Student Educators International (ACPA), 2008-2013
    - Program Reviewer, 2009-2013
    - Executive Directorate, Committee for Multicultural Affairs, 2008-2009

## COMMUNITY INVOLVEMENT

- Curriculum Volunteer, Iowa State Lazos Latino Men's Group, 2018-Present
- Member & Volunteer, Iowa State Colegas – Latina/o/Hispanic Faculty & Staff, 2015-Present
- Regional Advisor & Mentor, Gates Millennium Scholars Program, 2008-Present
- Facilitator, IINSPIRE Louis Stokes Alliance for Minority Participation (LSAMP) Conference, 2016

- Al Exito, Volunteer for *Meet the Leaders Night*, 2016
- Board of Directors, YWCA Greater Austin, 2015
- Graduate Mentor, Project MALES, University of Texas at Austin, 2012-2015
- Panel Moderator, UT Male Student Leadership Summit, Exploring STEM Pathways, 2014
- Intellectual Entrepreneurship Mentor, Latino Higher Education Research Project, UT Austin, 2012-2013
- Con Mi MADRE Senior Advisor for College Readiness, 2012-2013
- DREAM Act Deferred Action Application Assistant – University Leadership Initiative, 2012
- Fellowship Reviewer, Livingston Graduate Student Awards Committee, University of Texas, 2012
- Workshop Facilitator, Summer Enrichment Academy, San Antonio, TX, 2011-2013
- Hispanic Mentor & High School Group Facilitator, Hispanic Female Summit, Lone Star College System, 2011
- Guest Speaker, YWCA Real Talk 2010 Student of Color Teen Summit, YWCA – Knoxville, 2010
- Participant Reviewer, LeaderShape Institute – UT Knoxville Representatives, 2010

## **DISSERTATION TOPIC**

Title: Las Mujeres in the STEM Pipeline: How Latina College Students who Persist in STEM Majors Develop and Sustain their STEM Identities. This study examines how undergraduate Latina students make meaning of and develop their STEM identities and how other identities such as race, ethnicity, and gender may influence that development. The study utilized qualitative, phenomenological methods to gain an in-depth understanding of the experiences of sixteen Latina college students. Successfully defended April 2015. Dissertation Chair: Victor Saenz (University of Texas at Austin).



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**REFERENCES**

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**Victor Saenz, Ph.D.**

Associate Professor  
Executive Director & Founder Project MALES  
Department Chair, Department of Educational Leadership and Policy  
Sid W. Richardson Regents Chair in Community College Leadership  
University of Texas at Austin  
Educational Administration Department  
1912 Speedway D5400  
Austin, TX 78712-1604  
[vsaez@austin.utexas.edu](mailto:vsaez@austin.utexas.edu)  
Cell: 512-659-6246

**Linda Sax, Ph.D.**

Professor  
University of California Los Angeles  
Moore Hall 3045  
405 Hilgard Avenue  
Los Angeles, CA 90095-1521  
[lsax@ucla.edu](mailto:lsax@ucla.edu)  
Cell: 310-567-1998

**Evelyn Waiwaiole, Ph.D.**

Director  
Center for Community College Student Engagement  
University of Texas at Austin  
3316 Grandview Street  
Austin, TX 78705  
[waiwaiole@cccse.org](mailto:waiwaiole@cccse.org)  
Phone: 512-471-4209

**Kelty Garbee, Ph.D.**

Director, Programs  
Educate Texas  
1303 San Antonio Street  
Suite 830  
Austin, TX 78701  
[kgarbee@cftexas.org](mailto:kgarbee@cftexas.org)  
Cell: 512-914-5768