

FORREST C. LANE

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EDUCATION

Doctor of Philosophy in Educational Research University of North Texas Dissertation: <i>The use of effect size estimates to evaluate covariate selection, group separation, and sensitivity to hidden bias in propensity score matching.</i>	December 2011
Master of Science in Higher Education University of North Texas	August 2007
Bachelor of Science in Political Science, Minor in Economics Texas A&M University	May 2001

CERTIFICATIONS

Developmental Education Specialist Appalachian State University, Boone, NC	(In Progress)
Blackboard Teaching Certification Sam Houston State University, Huntsville, TX	2018

RESEARCH INTERESTS

Behavioral development of college students; programs that support student transition in college; statistical methods.

EXPERIENCE

FACULTY/TEACHING

Associate Professor (Tenured), Educational Leadership Sam Houston State University, Huntsville, TX	2018 – Pres
Assistant Professor, Educational leadership Sam Houston State University, Huntsville, TX	2015 – 2018
Assistant Professor, Educational Studies & Research The University of Southern Mississippi, Hattiesburg, MS	2012 – 2014
Graduate Teaching Assistant, Educational Psychology University of North Texas, Denton, TX	2011

ADMINISTRATIVE

- Program Coordinator – M.A. in Higher Education Administration 2017 – 2018
Sam Houston State University, Huntsville, TX
- Manage program recruitment, admission, enrollment, and strategic planning; Chair the program’s external advisory board; Serve as the program’s academic advisor for 100+ graduate students.
- Evaluation Analyst II, Evaluation & Assessment 2014 – 2015
Dallas Independent School District, Dallas, TX
- Conducted external evaluations for district program; Assisted with ad-hoc data requests using internal data warehouse systems.
- Statistics Consultant, Center for Interdisciplinary Research & Analysis 2009 – 2011
University of North Texas, Denton, TX
- Consulted on graduate student and faculty research. Provided tutoring for undergraduate and graduate statistics courses; Assisted in the planning of the institution’s annual Educational Research Exchange (ERE).
- Director, Student Development Services 2008 – 2009
Texas Christian University, Fort Worth, TX
- Managed the recognition process and risk management training of student organizations on campus; Created leadership development opportunities for student organizations. Supervised graduate assistant staff.
- Assistant Director, Student Development Services 2006 – 2008
Texas Christian University, Fort Worth, TX
- Assisted with the university’s student organization recognition process; Created leadership development opportunities for student organizations; Coordinated co-curricular leadership classes for the TCU Leadership Center, including an international exchange to Santiago, Chile.
- Graduate Assistant, Student Development Services 2006
Texas Christian University, Fort Worth, TX
- Served as a staff advisor to the junior class. Coordinated planning and program development for the junior class year team.

OTHER PROFESSIONAL

- | | |
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| Mid-Term Power Trader | 2005 – 2006 |
| Tenaska Power Services, Arlington, TX | |
| – Executed next-day and term transactions for physical power; Created arbitrage opportunities for managed assets in the southeastern United States. | |
| Supervisor, Real-Time Energy Trading & Scheduling Operations | 2005 |
| Tenaska Power Services, Arlington, TX | |
| – Supervised a staff of hourly real-time traders; Managed scheduling of physical power transactions; Assisted in the development of risk policy controls for real-time traders and schedulers. | |
| Real-Time Energy Trader & Scheduler | 2002 – 2005 |
| Tenaska Power Services, Arlington, TX | |
| – Executed physical hourly trades and transmission purchases; Conducted generation testing for new power plants | |
| Market Operator | 2002 |
| Automated Power Exchange, Santa Clara, CA | |
| – Provided day ahead and hourly electricity scheduling for customers; Assisted in the daily scheduling of resource plans, energy schedules, and ancillary service bids; Supervised real-time generation deployment and dispatch. | |
| Financial Analyst | 2001 |
| Enron, Houston, TX | |
| – Developed a competitive analysis of mid/back-office application service providers and software developers for Natural Gas and Power trading; Assisted in business plan development for potential investors. | |

RESEARCH

GRANTS

Funded

Does completing mathematics during the first semester predict college success (2018 – 2019)? SHSU Center for Assessment Mini-Grant (\$1,000). Role: Co-Principal Investigator.

Designing Accessible Approaches for Student Success: An Online First-Year Seminar for Students Enrolled in Developmental Mathematics (2017 – 2020). Greater Texas Foundation (\$126,201). Role: Principal Investigator.

Campus link AmeriCorps program (2016 – 2017). Corporation for National & Community Service. Status: Funded (\$607,241). Role: Grant Evaluator. Grant ID: 15AC174892.

Campus link AmeriCorps program (2015 – 2016). Corporation for National & Community Service. Status: Funded (\$573,705). Role: Grant Evaluator. Grant ID: 16AC179885.

African-American success initiative (2014 – 2015). Title I, Part A Program. U. S. Department of Education. Status: Funded (\$525,000). Role: Grant Evaluator.

Campus link AmeriCorps program (2013 – 2014). Corporation for National & Community Service. Status: Funded (\$622,655). Role: Grant Evaluator.

Examining the importance of attachment and engagement in predicting GPA across stages of transfer student transition (2013 – 2014). National Resource Center for the First Year Experience and Students in Transition. Status: Funded (\$5,000). Role: Co-Principal Investigator.

Quantitative literacy & reasoning assessment (2013 – 2014). National Science Foundation Grant (DUE 1140562). Status: Funded (\$1,500). Role: Institutional Collaborator with Bowdoin College.

Measuring the self-efficacy impact of strength's based approach and the impact of socially responsible leadership (2009 – 2010). National Association of Student Personnel Administrators, Region III Grant. Status: Funded (\$1,500). Role: Principal Investigator.

Unfunded

Impact of Reworking Exams on Student Performance in Advanced Computer Science Courses (2017 – 2020). National Science Foundation (\$297,672). Role: Grant Evaluator. Grant ID: 1712254.

Project CLEAR (culture of learning, evidence, and assessment research): Exploring relationships between postsecondary assessment culture, retention, and persistence (2017 – 2020). Institute for Education Sciences (\$1,394,617). Role: Co-Principal Investigator. Grant ID: 12224419.

A strengths-based learning approach to developmental mathematics (2017 – 2019). The Spencer Foundation (\$47,756). Role: Principal Investigator. Grant ID: 10010223.

A strengths-based learning approach to developmental mathematics (2016 – 2017). Sam Houston State University, Enhancement Research Grant (\$12,850). Role: Principal Investigator.

Can students minimize college costs through high school developmental education participation? Investigating the link between high school coursework and college completion (2014 – 2015). AERA Research Grants Program (\$34,984). Role: Collaborator.

A national exploration of the effects of mentoring on transfer student leadership capacity (2014 – 2015). ACPA Commission for Professional Preparation (\$1,500). Role: Principal Investigator.

Center of biomedical research excellence (2013 – 2017). National Institutes of Health R01 Grant (\$1,215,007). Role: Co-Principal Investigator.

Examining growth in statistical literacy through graduate service-learning (2013 – 2014). Ralph E. Powe Junior Faculty Award (\$10,000). Role: Principal Investigator.

Comparing cognitive growth patterns among children with ADD/ADHD using matching techniques across national datasets (2013 – 2014). AERA Research Grants Program (\$35,000). Role: Co-Principal Investigator.

PUBLICATIONS

(In Reverse Chronological Order)

Peer Reviewed Journals

- Bishop, T. J., Martirosyan, N., Saxon, D. P., & **Lane, F. C.** (2018). The effect of acceleration on subsequent course success rates based on the North Carolina developmental mathematics design. *Journal of College Academic Support Programs* 1(1), 42-48. (Impact Factor NR, Acceptance Rate NR, CCI – NR)
- Haecker, B. M., **Lane, F. C.**, & Zientek, L. R. (2018). Evidence based decision-making: influences on central-office administrators' decision-making practices. *Journal of School Leadership*, 27(6), 860-883. (Impact Factor NR, Acceptance Rate 6-10%, CCI – NR)
- Fuller, M. B., & **Lane, F. C.** (2017). An empirical model of culture of assessment in student affairs. *Research & Practice in Assessment*, 12(2), 18-27. (Impact Factor NR, Acceptance Rate 40%, CCI – NR)
- Bishop, T. J., Martirosyan, N., Saxon, D. P., & **Lane, F. C.** (2017). Does it matter? A study of the North Carolina developmental mathematics redesign. *Community College Journal of Research and Practice*. doi: 10.1080/10668926.2017.1355281. (Impact Factor NR, Acceptance Rate 30%, CCI – 22%).
- Strunk, K. K., **Lane, F. C.**, & Mwavita, M. (2017). Changes in time-related academic behavior across time are associated with contextual motivational shifts. *Educational Psychology*, 38(2), 203 - 220. doi:10.1080/01443410.2017.1384535 (Impact Factor 1.31, Acceptance Rate 45%, CCI – 53%)
- Strunk, K. K., & **Lane, F. C.** (2017). The beck depression inventory 2nd edition (BDI-II): A cross sample structural analysis. *Measurement and Evaluation in Counseling and Development*, 50(1-2), 3-17. doi:10.1177/0748175616664010. (Impact Factor 1.047, Acceptance Rate 14%, CCI – 47%).
- Keiffer, G. L., & **Lane, F. C.** (2016). Propensity score analysis: An alternative statistical approach for HRD researchers. *European Journal of Training and Development*, 40(8/9), 660-675. doi: 10.1108/EJTD-06-2015-0046. (Impact Factor NR, Acceptance Rate 60%, CCI – 25%)
- Shin, H., Elinger, A. E., Nolan, H. H., DeCoster, T. D., & **Lane, F. C.** (2016). An assessment of renewable energy utilization and firm financial performance. *Journal of Business Ethics*. Published Online First June 30, 2016 as doi 10.1007/s10551-016-3249-9. (Impact Factor, 2.354, Acceptance Rate 27%, CCI – 69%)
- Lane, F. C.**, & Gibbs, S. R. (2015). Propensity score analysis: A secondary data analysis of work life policy and performance outcomes. *Advances in Developing Human Resources*, 17(1), 102-116. doi: 10.188/1523422314559809. (Impact Factor NR, Acceptance Rate 38%, CCI – 52%)

- Lane, F. C.,** Martin, G. L., & Henson, R. K. (2015). A multi-dimensional comparison of traditional, transfer and online students' university attachment. *Journal of College Student Development*, 56(7), 746-751. doi: 10.1353/csd.2015.0071 (Impact Factor 0.623, Acceptance Rate 8%, CCI – 40%)
- Lane, F. C.,** Martin, G. L., & Thompson, K. (2015). Distinguishing differences in the academic motivation of entering and persisting transfer students. *Journal of the First Year Experience and Students in Transition*, 27(2), 9-27. (Impact Factor NR, Acceptance Rate 25%, CCI - NR)
- Lane, F. C.,** & Schutts, J. W. (2014). Predicting the presence of purpose through the awareness of one's talents. *Journal of College and Character*, 15(1), 15-24. doi: 10.1515/jcc-2014-003. (Impact Factor NR, Acceptance Rate NR, CCI- NR)
- Lane, F. C.,** Anderson, B., Ponce, H., & Natesan, P. (2012). Longitudinal invariance of the LibQUAL+ as a measure of library service quality over time. *Library & Information Science Research*, 34, 22-30. doi:10.1016/j.lisr.2011.07.004. (Impact Factor 1.185, Acceptance Rate 20%, CCI – 93%)
- Lane, F. C.,** To, Y. M., Henson, R. K., & Shelley, K. (2012). An illustrative example of propensity score matching within education research. *Career and Technical Education Research*, 37(3), 187-212. doi: 10.5328/cter37.3.187. (Impact Factor NR, Acceptance Rate 19%, CCI - NR)
- Lane, F. C.,** & Chapman, N. (2011). The relationship of hope and strength's self-efficacy to the social change model of leadership. *Journal of Leadership Education*, 10(2), 116-137. doi: 10.12806/V10/I2/RF6. (Impact Factor NR, Acceptance Rate 32%, CCI - NR)
- Mohr, K. A., **Lane, F. C.,** & Sarker, A. (2010). Paths to culturally responsive instruction: Preservice teachers' readiness beliefs. *National Reading Conference Yearbook*, 51, 304-314. (Impact Factor NR, Acceptance Rate NR)

Peer Reviewed Book Chapters

- To, Y. M., & **Lane, F. C.** (2014). Propensity score matching: Receipt of special education services for students with attention deficit hyperactivity disorder. In P. Brindle (Ed.). *SAGE Research Methods Cases*. 2014. SAGE Publications, Ltd. doi:10.4135/978144627305014537187
- Lane, F. C.,** Nimon, K. F., & Roberts, J. K. (2012). A random intercepts model of GPA and SAT scores using SPSS. In G. D. Garson (Ed.), *Hierarchical Linear Modeling: Guide and Applications* (pp. 149-165). Thousand Oaks, CA: Sage Publications.

Editorial Reviewed Journals

- Lane, F. C.,** & Blick, A. (2017). Affective vs. non-cognitive assessment: A proposed nomenclature for developmental educators. *Research in Developmental Education*, 27(1), 1-4.
- Lane, F. C.,** & Cobb, J. M. (2011, March 23). Risk perceptions among student leaders: Assessing the benefits to risk education training. *NASPA NetResults*.

Published Proceedings in ERIC

Lane, F. C., & Henson R. K. (2012). *Differences between traditional, transfer, and online college students: Measurement invariance of the university attachment scale*. Educational Resources Information Center (ERIC) Document Number: ED530016.

Lane, F. C., & Henson, R. K. (2012). *Using propensity scores in quasi-experimental designs to equate groups*. Educational Resources Information Center (ERIC) Document Number: ED530015.

Evaluation Reports

Lane, F. C. (2017). *Campus link AmeriCorps program: 2016-17*. Hattiesburg, MS: Center for Civic and Community Engagement.

Lane, F. C. (2017). *Texas lesson study professional development pilot program: Report on program effectiveness - spring 2017*. Austin, TX: Texas Education Agency.

Lane, F. C. (2017). *Texas lesson study professional development pilot program: Report on program effectiveness - fall 2016*. Austin, TX: Texas Education Agency.

Lane, F. C. (2016). *Campus link AmeriCorps program: 2015-16*. Hattiesburg, MS: Center for Civic and Community Engagement.

Lane, F. C. (2015). *African American success initiative: 2014-15*. Dallas, TX: Dallas Independent School District.

Lane, F. C. (2015). *Campus link AmeriCorps program: 2014-15*. Hattiesburg, MS: Center for Civic and Community Engagement.

Lane, F. C. (2015). *Final report of 2014-15 special education program*. Dallas, TX: Dallas Independent School District.

Lane, F. C. (2015). *Parent survey of children receiving special education services: 2014-15*. Dallas, TX: Dallas Independent School District.

Lane, F. C. (2014). *Preschool program for children with disabilities interim report: 2014-15*. Dallas, TX: Dallas Independent School District.

Lane, F. C. (2014). *Campus link AmeriCorps program: 2013-14*. Hattiesburg, MS: Center for Civic and Community Engagement.

Invited Publications & Newsletters

Crisp, G., Lane, F. C., Powers, K., Ewing Ross, L. (2018, May). IR professionals as publishers: Benefits and opportunities. *eAIR*. <http://www.airweb.org/eAIR/askeair/Pages/IR-Professionals-Publishers.aspx>

Lane, F. C., & Schutts, J. (2014, August 22). Focus authors Lane & Schutts talk about their JCC article. *JCC Connexions*, 1(1).

Manuscripts Submitted for Publication

- Lane F. C., & Smith, M. A., McClain, T. (2017). *A national exploration of the effects of mentoring on transfer student leadership capacity*. Status: Revise & Resubmit.
- Zientek, L. R., Dorsey, J., Stano, N., & Lane, F. C. (2018). *An investigation of course self-efficacy and sources of self-efficacy of students enrolled in a mathematics pathway course*. Status: Under Review.
- Young, C., Durham, P., Miller, Melinda, Ransinski, T., & Lane, F. C. (2018). *Improving Reading Comprehension with Readers Theater*. Under Review.

PRESENTATIONS

National/International

- Treadwell, K., Paterson, B., & Lane, F. C. (2018, November). *Reflections from Campus Crisis: A Phenomenological Study of University Administrators Following the Texas A&M University Bonfire Collapse*. Paper to be presented at 43rd annual meeting Association for the Study of Higher Education, Tampa, FL.
- Lane, F. C. (2018, April). *Taking Student Success Online: Re-imagining First-Year Seminars for Students in Developmental Mathematics*. Annual Conference of the Council for the Study of Community Colleges, Dallas, TX.
- Fuller, M. B., & Lane, F. C. (2017, March). *Modeling cultures of assessment in student affairs: Results from the 2016 student affairs survey of assessment culture*. General interest session presented at the Annual Conference of the National Association of Student Personnel Administrators, San Antonio, TX. doi: 10.13140/RG.2.2.19264.12803.
- Lane, F. C. (2017, March). *Affective vs. noncognitive assessment: Defining and re-framing terms for the field*. Concurrent session presented at the Annual Meeting of the National Association for Developmental Education, Oklahoma City, OK. doi: 10.13140/RG.2.2.29330.45767.
- Lane, F. C., & Holzweiss, P. (2017, March). *Mentoring transfer students: A comparison of current program practices to the transfer student literature*. General interest session presented at the Annual Conference of the National Association of Student Personnel Administrators, San Antonio, TX. (Virtual Ticket Session). doi: 10.13140/RG.2.2.22619.57121.
- Lane, F. C., & Miller, A. (2017, March). *First-year experience seminars: A benchmark study of targeted courses for developmental education students*. Concurrent session presented at the Annual Meeting of the National Association for Developmental Education, Oklahoma City, OK. doi: 10.13140/RG.2.2.17166.97603
- Lane, F. C., & Smith, M. A. (2017, March). *Mentoring for transfer student leadership capacity and personal development*. Paper presented at the Annual Conference of the National Association of Student Personnel Administrators, San Antonio, TX.

- Strunk, K. K., Lane, F. C., & Mwavita, M. (2016, August). *Time-related academic behavior: State or trait? A cluster invariance study*. Paper presented at the 124th Annual Meeting of the American Psychological Association, Denver, CO.
- To, Y. M., & Lane, F. C. (2016, June). *The high school remediation effect on college outcomes*. Poster presented at the 2016 Association of Institutional Research Forum, New Orleans, LA. doi: 10.13140/RG.2.1.2787.0328.
- Strunk, K. K., & Lane, F. C. (2015, April). *An alternative approach to pooling covariance matrices in meta-analytic confirmatory factor analysis (MA-CFA)*. Paper presented at the 96th Annual Meeting of the American Educational Research Association, Chicago, IL.
- To, Y. M., Lane, F. C., Griffin, A. K., & Ringlaben, R. (2015, April). *Keeping pace: Investigating children with ADHD's receipt of SPED services and reading achievement across time*. Poster presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- To, Y. M., & Lane, F. C. (2014, April). *Special education (SPED) services and children with attention deficit hyperactive disorder (ADHD). An unfair advantage?* Poster presented at the 95th Annual Meeting of the American Educational Research Association, Philadelphia, PA.
- Lane, F. C., & Martin, G. (2014, October). *Belonging and engagement: Predicting academic success across stages of transfer student transition*. Research concurrent session presented at the 21st Annual Student in Transition Conference, Denver, CO. doi: 10.13140/RG.2.1.3147.4800.
- Nimon, K., Lane, F. C., Aguilar, M. G., Carrero, K., Frear, S., Garrigue, M., Zimmerman, T., Zientek, L. R., & Henson, R. K. (2012, October). *Reliability generalization (RG): Examining reliability estimates of the organizational commitment questionnaire (OCQ)*. Paper presented at the 26th Annual Conference of the American Evaluation Association, Minneapolis, MN.
- Lane, F. C. & Henson, R. K. (2012, April). *The use of effect-size estimates to evaluate covariate selection and bias reduction in propensity scores*. Paper presented in the Distinguished Papers Session of the 93rd Annual Meeting of the American Educational Research Association, Vancouver, CA.
- Cobb, J., & Lane, F. C. (2011, March). *Educating and tracking student growth in properly assessing risk*. Research concurrent session presented at the Annual Conference of the American College Personnel Association, Baltimore, MD.
- Lane F. C., & Chapman, N. (2011, March). *Strength-based education & the social change model of leadership*. Research concurrent session presented at the Annual Conference of the National Association of Student Personnel Administrators, Philadelphia, PA.
- Lane, F. C. (2010, June). *Why propensity score matching should be used to assess programmatic effects*. Program Presented at the National Association of Student Personnel Administrators Assessment and Retention Conference, Baltimore, MD.

Lane, F. C. & Chapman, N. (2010, June). *Measuring strength's self-efficacy among students in a 4-year cohort leadership program*. Program Presented at the Strength's in Education Conference, Omaha, NE.

Regional/Local

Lane, F. C. (2018, February). *First-Year Seminars: A Comparison of Practices for Academically Underprepared Students*. Paper presented at the 41st Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.

Lane, F. C. (2017, October). *Leveraging the First-Year Seminar for Student Success in Developmental Education*. Concurrent session presented at the Texas College Academic Support Programs Conference, Galveston, TX.

Fuller, M. B., & Lane, F. C. (2017, October). *An empirical model of culture of assessment in student affairs*. Paper presented at the 40th Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.

Lane, F. C., & Keiffer, G. L. (2017, February). *Propensity score matching: An introduction and illustration*. Workshop presented at the 40th Annual Meeting of the Southwest Educational Research Association, San Antonio, TX. doi: 10.13140/RG.2.2.15489.25444.

Lane, F. C. (2017, February). *Identifying and implementing evidence based practices in educational research*. Pre-Conference Workshop presented at the 40th Annual Meeting of the Southwest Educational Research Association, San Antonio, TX. doi: 10.13140/RG.2.2.24716.72322.

Skidmore, S. T., Martirosyan, N. M., & Lane, F. C. (2016, October). *Research considerations for developmental education*. Texas College Academic Support Programs Conference, Corpus Christi, TX.

Lane, F. C. (2016, February). *PSM vs. ANCOVA: A cautionary tale of statistical control in the I-E-O model of college impact*. Paper presented at the 39th Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.

Saxon, D. P. & Lane, F. C. (2016, February). *Online ≠ asynchronous: (Non-) traditional methods of academic integration in an online program*. 5th Annual SHSU Online Teaching and Learning Conference. Huntsville, TX. doi: 10.13140/RG.2.1.4982.4884

Duplantis, J., Conville, R., Lane, F. C., & Bennett, R. (2014, April). *Actions to outcomes: A university's perspective on service-learning assessment*. 3rd Annual Positioned for Progress Conference, Jackson, MS. Lane, F. C., & Schutts, J. (2013, February). *Structural evidence of the strengths self-efficacy scale among university students*. Paper presented at the 36th Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.

- Nimon, K. Angnakoon, P., Lane, F. C. (2014, February). *Introduction to using the 'R' free software: Basics, graphs, and monte carlo applications*. 37th Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Lane, F. C. (2012, November). *Propensity score matching: A primer for educational researchers*. Training Session presented at the Annual Meeting of the Mid-South Educational Research Association, Lexington, KY.
- Lane, F. C. & Henson, R. K. (2012, February). *Latent mean difference in attachment between traditional, transfer and online college students*. Paper presented at the 35th Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Lane, F. C., & Henson, R. K. (2012, February). *I index as a method to evaluate covariate selection, bias reduction, and model sensitivity in propensity score matching*. Paper presented at the 35th Annual Meeting of the Southwest Educational Research Association, New Orleans, LA. (ED530015)
- Lane, F. C., & Anderson, B., Ponce, H. F., & Natesan, P. (2011, February). *Longitudinal invariance of the LibQUAL+® as a measure of library service quality*. Paper presented at the 34th Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Lane, F. C. & Chapman, N. (2010, June). *Measuring talent identification & social change leadership among students in a 4-year cohort leadership program*. Research concurrent session presented at NASPA Region III 2010 Summer Symposium, Ponte Vedra, FL.
- Lane, F. C., & Henson, R. K. (2010, February). *Using propensity scores in quasi-experimental designs to equate groups*. Paper presented at the 33rd Annual Meeting of the Southwest Educational Research Association, New Orleans, LA. (ED530016)

Invited Presentations

- Lane, F. C. & Hardin, C. (2018, October). *Publishing research and practice on college student transitions*. Discussion Session at the 25th National Conference on Students in Transition, Indianapolis, IN.
- Crisp, G., Lane, F. C., Powers, K., Ewing Ross, L. (2018, May). *Scholarly writing: Advice from editors*. Invited Speaker Session at the Association for Institutional Research Forum, Orlando, FL.
- Lane, F. C., Hardin, C., Garner, B. (2018, February). *Publishing on the college student experience*. Discussion Session at the Annual Conference on the First-Year Experience, San Antonio, TX.
- Lane, F. C. & Hardin, C. (2017, October). *Publishing research and practice on college student transitions*. Discussion Session at the 24th National Conference on Students in Transition, Costa Mesa, CA.

Workshops/Seminars

- Lane, F. C. (2017, March). *Matching methods to improve quasi-experimental design*. Webinar presented to the Southwest Educational Research Association. <http://sera-edresearch.org/webinar>.

- Lane, F. C. (2016, March). *Sam Houston State University ADHD Roundtable*. The Woodlands, TX.
- Lane, F. C. (2014, November). *Propensity score matching: A pragmatic approach for non-equivalent group comparisons*. Advances in Research Designs Symposium, Denton, TX.
- Lane, F. C. (2013, May). *Assisting community partners in program evaluation and statistics*. The University of Southern Mississippi Academic Council, Hattiesburg, MS.
- Lane, F. C. (2012, August). *Perspiration or perspicacity: Improving non-randomized trials through propensity score matching*. The University of Southern Mississippi, Hattiesburg, MS.
- Lane, F. C. (2012, August). *Knowing your talents and using your strengths: Tips for residence hall assistants*. Invited workshop for the Department of Residence Life. The University of Southern Mississippi, Hattiesburg, MS.
- Lane, F. C. (2010, August). *Strengths based research: Strategies, findings & lessons learned*. Research Mentoring Webinar. The Clifton Strengths School, Omaha, NE.
- Lane, F. C. (2009, July). *Strengths-based leadership*. Invited workshop for the Office of Residence Life. Arkansas Tech University, Fort Worth, TX.
- Lane, F. C. (2009, March). *Talent identification using the Clifton strength's finder assessment as a tool for promoting self-efficacy among college students*. Workshop for the TCU Leadership Center, Fort Worth, TX.
- Lane, F. C. (2009, April). *Impacts of co-curricular involvement on skill development in college*. Workshop for the Office of Student Organizations, Texas Christian University, Fort Worth, TX.
- Lane, F. C. & Schwartz, J. (2009, April). *The implications of new Texas risk-management legislation*. 13th Annual Texas Higher Education Law Conference, Denton, TX.

RESEARCH AWARDS & RECOGNITIONS

SHSU College of Education Faculty Excellence Award - Grantsmanship <i>Sam Houston State University, Huntsville, TX</i>	2018
Faculty Fellow <i>Greater Texas Foundation, Bryan, TX</i>	2017
Visiting Scholar <i>National Center for Developmental Education, Boone, TX</i>	2017
SERA Bruce Thompson Outstanding Paper Award <i>Southwest Educational Research Association</i>	2012

TEACHING

INSTRUCTION

Department of Educational Leadership

Sam Houston State University, Huntsville, TX

DVED	7365	Student Non-Cognitive Development
EDLD	7362	Methods of Educational Research
EDLD	7368	Applied Stats II for Educational Leadership
HIED	5361	Contemporary Issues in Higher Education
HIED	5366	Assessment in Higher Education (Academic Community Engagement [ACE] course)
HIED	6374	Statistics for Institutional Research
HIED	6371	Fundamentals of Data Management
HIED	7374	The College Student
UNIV	1301	Introduction to Collegiate Studies

Department of Educational Studies & Research

The University of Southern Mississippi, Hattiesburg, MS

HE	739	Current Issues and Trends in Student Affairs
REF	280	Quantitative Literacy
REF	602	Introduction to Educational Statistics
REF	718	Practicum in Educational Research (Program Evaluation)
REF	762	Quantitative Analysis II
REF	792	Special Problems in Educational Research (Propensity Score Matching)
REF	792	Special Problems in Educational Research (Introduction to R)
REF	824	Advanced Experimental Design

Department of Educational Psychology

University of North Texas, Denton, TX

EPSY	5050	Educational Research & Evaluation
EPSY	5210	Educational Statistics
EPSY	6020	Research Methods in Education

TEACHING GRANTS

2012 – 2013 Academic Service-Learning Faculty Fellows Program. Office of Community Service Learning, The University of Southern Mississippi.

THESES & DISSERTATIONS

Defended

- Roberts, Jeff. (2018). *An examination of student written communication and critical thinking skills at one Texas public university*. (Doctoral dissertation, Sam Houston State University). Role: Chair. Status: Successfully defended 06-19-18. <http://hdl.handle.net/20.500.11875/2400>
- Jacobs, Kelly. (2018). *State-level community college policy: A systematic review and multivariate investigation*. (Doctoral dissertation, Sam Houston State University). Role: Co-Chair. Status: Successfully defended 3-29-18. <http://hdl.handle.net/20.500.11875/2346>
- Dove, Samantha. (2017). *Effectiveness of a summer bridge program at McLennan community college*. (Doctoral dissertation, Sam Houston State University). Role: Methodologist. Status: Successfully Defended 6-15-17.
- Bishop, Tammy. (2016). *Course pass rates in modularized developmental mathematics courses in select community colleges in North Carolina: The differences between teacher-centered, student-centered, and computer-centered delivery*. (Doctoral dissertation, Sam Houston State University). Role: Methodologist. Status: Successfully defended 10-25-16. <http://hdl.handle.net/20.500.11875/2327>
- Coleman, Sandra. (2016). *An examination of developmental students' personal characteristics*. (Doctoral dissertation, Sam Houston State University) Role: Committee Member. Successfully defended 6-22-16.
- Schutts, Joshua. (2016). *The use of receiver operating characteristic curve analysis for academic progress and degree completion*. (Doctoral dissertation, The University of Southern Mississippi). Role: Committee Member. Status: Successfully defended 2-8-16. <https://aquila.usm.edu/dissertations/357/>
- Zimmerer, Mary. (2016). *Transforming developmental reading through information literacy: An examination of differences between traditional developmental reading courses and developmental reading courses integrated with information literacy projects*. (Doctoral dissertation, Sam Houston State University) Role: Committee Member. Status: Successfully defended 6-22-16.
- Picou, Robert. (2015). *School belonging and racial-ethnic identity among Alaska native students: An explanatory sequential mixed methods study* (Doctoral dissertation, The University of Southern Mississippi). Role: Methodologist. Status: Successfully defended 7-18-15. <https://aquila.usm.edu/cgi/viewcontent.cgi?article=1145&context=dissertations>
- Dutton, Megan. (2014). *CSI effect and forensic science/criminal justice degree programs* (Doctoral dissertation, The University of Southern Mississippi). Role: Methodologist. Status: Successfully defended 6-17-14. <https://aquila.usm.edu/dissertations/298/>

Goins, Johnell. (2014). *Persistence among African American males in the honors college* (Doctoral dissertation, The University of Southern Mississippi). Role: Committee member. Status: Successfully defended 3-7-14. <https://aquila.usm.edu/dissertations/713/>

Hawk, Jena. (2014). *Making Meaning of the Reel: The Media's Portrayal of Community Colleges* (Doctoral dissertation, The University of Southern Mississippi). Role: Methodologist. Status: Successfully defended 6-12-14. <https://aquila.usm.edu/dissertations/290/>

DiLoretto, Melanie. (2013). *University faculty members' and undergraduate students' conceptions of assessment* (Doctoral dissertation, The University of Southern Mississippi). Role: Committee member. Status: Successfully defended 7-25-13. <https://aquila.usm.edu/dissertations/214/>

Leavell, Kari. (2013). *The predictors of calling and the role of career satisfaction in working adults* (Doctoral dissertation, The University of Southern Mississippi). Role: Methodologist. Status: Successfully defended 4-25-13. <https://aquila.usm.edu/dissertations/189/>

In Progress

Chambers, Silvana. (2018). *Estimating the Causal Effect of the Lord Davies Report Initiative for Women on Boards on Gender Diversity and the Gender Pay Gap in FTSE Organizations: A Regression Discontinuity Approach*. (Doctoral dissertation, University of Texas at Tyler). Role: Committee member. Proposal successfully defended 05-14-18.

In Development

Bozeman, Tabitha. (Doctoral dissertation, Sam Houston State University) Role: Chair.

Harding, Kayla. (Doctoral dissertation, Sam Houston State University). Role: Chair.

Hayes, Farrah. (Doctoral dissertation, Sam Houston State University). Role: Chair.

Johnson, Angela. (Doctoral dissertation, Sam Houston State University). Role: Chair.

Keith, Barbara. (Doctoral dissertation, Sam Houston State University). Role: Chair.

Swiniarski, Tina. (Doctoral dissertation, Sam Houston State University) Role: Committee Member.

GUEST LECTURES

External funding and the proposal writing process. Guest lecture in HIED 7375: Higher Education Finance (Spring 2017). Sam Houston State University, Huntsville, TX.

Introduction to strengths-based leadership. Guest lecture in HIED 7331: Leadership Theory and Applications (Spring 2016). Sam Houston State University, Huntsville, TX.

Introduction to StrengthsQuest. Guest lecture in HE 743: Student Development Theory & Research (Fall 2013). The University of Southern Mississippi, Hattiesburg, MS.

The Texas A&M University Bonfire Collapse: Reflections on the legal implications in crisis management.

Guest lecture in HE 740. Legal and Ethical Issues in Student Affairs (Spring 2013). The University of Southern Mississippi, Hattiesburg, MS.

Advanced quasi-experimental designs in educational research. Invited Lecture in EPSY 6210: Multiple Regression (Fall 2011). The University of North Texas, Denton, TX.

Measures of variability and relationship in statistics. Invited Lecture in EPSY 5210: Educational Statistics (Fall 2010). University of North Texas, Denton, TX.

An introduction to logistic regression. Invited Lecture in EPSY 6210: Multiple Regression (Fall 2010). University of North Texas, Denton, TX.

INTERNATIONAL EXPERIENCE

Program Coordinator. Study of leadership in Latin America. Santiago, Chile. Chancellor's Leadership Program. Texas Christian University, Fort Worth, TX.

TEACHING AWARDS & RECOGNITIONS

Service Learning Faculty Innovation Award <i>The University of Southern Mississippi, Hattiesburg, MS</i>	2014
Faculty Senate Junior Faculty Teaching Award <i>The University of Southern Mississippi, Hattiesburg, MS</i>	2014
Outstanding Service (less than 2 years) <i>Texas Christian University, Fort Worth, TX</i>	2008

SERVICE

EDITORIAL

National Referred Journals

<i>Journal of College and Academic Support Programs</i> , Editorial Board	2018
<i>Journal of The First-Year Experience & Students in Transition</i> , Editor	2018
<i>Journal of Student Affairs Research and Practice</i> , Editorial Board	2018
<i>Journal of College and Academic Support Programs</i> , Editorial Board	2017
<i>Journal of The First-Year Experience & Students in Transition</i> , Editor	2017

<i>Journal of Student Affairs Research and Practice</i> , Editorial Board	2017
<i>Journal of College and Character</i> , Ad Hoc Reviewer	2017
<i>Measurement and Evaluation in Counseling and Development</i> , Ad Hoc Reviewer	2017
<i>Journal of Modern Applied Statistical Methods</i> , Ad Hoc Reviewer	2016
<i>Journal of Student Affairs Research and Practice</i> , Editorial Board	2016
<i>Journal of The First-Year Experience & Students in Transition</i> , Editorial Board	2016
<i>Journal of College & Character</i> , Editorial Board	2016
<i>Journal of Student Affairs Research and Practice</i> , Editorial Board	2015
<i>Journal of The First-Year Experience & Students in Transition</i> , Editorial Board	2015
<i>Journal of College & Character</i> , Editorial Board	2015
<i>Sage Open</i> , Ad-hoc Reviewer	2015
<i>Journal of Student Affairs Research and Practice</i> , Editorial Board	2014
<i>Journal of The First-Year Experience & Students in Transition</i> , Editorial Board	2014
<i>Journal of College & Character</i> , Editorial Board	2014
<i>Journal of The First-Year Experience & Students in Transition</i> , Editorial Board	2013
<i>Journal of College & Character</i> , Editorial Board	2013
<i>Multivariate Behavioral Research</i> , Ad-hoc Reviewer	2013
<i>Library & Information Sciences Research</i> , Ad-hoc Reviewer	2013
<i>American Educational Research Journal</i> , Ad-hoc Reviewer	2012
<i>Educational & Psychological Measurement</i> , Editorial Assistant	2011
<i>Educational & Psychological Measurement</i> , Editorial Assistant	2011

Professional Association Newsletters

<i>SERA Newsletter</i> (Semi-Annual), Editor	2016
<i>SERA Newsletter</i> (Semi-Annual), Co-Editor	2015
<i>SERA Newsletter</i> (Semi-Annual), Co-Editor	2014
<i>SERA Newsletter</i> (Semi-Annual), Co-Editor	2013

Publishing Companies

<i>Statistical Associates</i> , Editorial Board	2014
<i>Statistical Associates</i> , Editorial Board	2013

Invited Book Reviews

Mertler, C. & Charles, C. M. (2013). *An introduction to educational research* (8th ed.). Columbus, OH: Pearson.

Mertler, C. & Charles, C. M. (2012). *An introduction to educational research* (7th ed.). Columbus, OH: Pearson.

DEPARTMENTSam Houston State University

Faculty Search Committee, Clinical Assistant Professor of Educational Leadership	2018
Cohort 7 Admission Committee: Doctoral Program in Developmental Educational Admin.	2018
Cohort 29 Admission Committee: Master's Program in Higher Education Administration	2018
Cohort 6 Admission Committee: Doctoral Program in Developmental Educational Admin.	2017
Cohort 28 Admission Committee: Master's Program in Higher Education Administration	2017
Cohort 27 Admission Committee: Master's Program in Higher Education Administration	2017
Cohort 26 Admission Committee: Master's Program in Higher Education Administration	2017
Cohort 5 Admission Committee: Doctoral Program in Developmental Educational Admin.	2016
Cohort 25 Admission Committee: Master's Program in Higher Education Administration	2016
Cohort 23 Admission Committee: Master's Program in Higher Education Administration	2016
Ad Hoc Program Evaluation Committee	2016
Ad Hoc Curriculum Committee for Higher Education Administration	2016
Cohort 35 Admission Committee: Doctoral Program in Educational Administration	2015

The University of Southern Mississippi

Faculty Search Committee, Assistant Professor of Higher Education	2013
Graduate Assistant Selection Committee	2013
USM Student Veterans of America Committee	2013
Award Day Selection Committee	2012
Graduate Assistant Selection Committee	2012

University of North Texas

Faculty Search Committee, Assistant Professor of Educational Psychology	2009
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Faculty Search Committee, Assistant Professor of ESL/Bilingual Education	2009
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COLLEGE & UNIVERSITY

Sam Houston State University

Office of Research & Sponsored Programs Liaison	2018
Curriculum Committee – College of Education	2018
Institutional Review Board – Regular Committee Member	2017
Center for Research Committee – College of Education	2017
Curriculum Committee – College of Education	2017
Assessment Committee – College of Education	2017
Institutional Review Board – Regular Committee Member	2016
Center for Research Committee – College of Education	2016
Curriculum Committee – College of Education	2016
Assessment Committee – College of Education	2016
Graduate Bridge Program Faculty Mentor – Office of Graduate Studies	2016
Assessment Committee – College of Education	2015
Graduate Bridge Program Faculty Mentor – Office of Graduate Studies	2015

The University of Southern Mississippi

College Research Committee – College of Education and Psychology	2013
Director of the Center for Community and Civic Engagement Search Committee	2013
Service-Learning Faculty Fellows – Applicant Reviewer	2013
Research Committee – College of Education and Psychology	2013
Bi-Laws Committee – College of Education and Psychology	2012

Texas Christian University

Veteran Student Services Task Force, Committee Chair	2009
University Student Organizations Committee, Ex-Officio	2008
Division of Student Affairs Assessment Committee	2008
Men's Development Committee	2008
Student Affairs Staff Development Committee	2008
University Programming Committee	2008

Fraternity & Sorority Standards Reviewer	2008
Men's Development Committee	2007
1N4 Sexual Assault & Rape Prevention Program Facilitator	2007

Texas A&M University

Texas A&M University Board of Visitors	2004
Texas A&M University Board of Visitors	2003
Texas A&M University System Advisory Board	2000

PROFESSIONAL

Active Memberships in Professional Associations

Association for Institutional Research (AIR)
Association for the Study of Higher Education (ASHE)
National Association for Developmental Education (NADE)
National Association of Student Personnel Administrators (NASPA)
Texas Association for Developmental Education (TADE)
American Educational Research Association (AERA)
Southwest Educational Research Association (SERA)

Association Leadership

SERA President	2018
SERA Program Chair/President-Elect	2017
SERA At-large Board Member	2016
SERA At-large Board Member	2015
SERA Board Secretary	2014
SERA Board Secretary	2013
SERA Division III Chair (Statistics & Methodology)	2013

Conference Service

Fidler Grant Proposal Reviewer	2018
National Students in Transition Conference Proposal Reviewer	2018
ICPEL Dissertation of the Year Reviewer	2018

ASHE Annual Conference Proposal Reviewer	2018
SERA Annual Conference Program Reviewer	2017
SIT Annual Conference Program Reviewer	2017
AERA Division J – Section 2b: College Student Success and Outcomes	2016
SERA Annual Conference Discussant (Division VI)	2016
SERA Annual Conference Program Reviewer	2015
AERA Division D - Measurement and Research Methodology Program Reviewer	2014
AERA Multiple Linear Regression SIG Program Reviewer	2014
AERA Division J - Postsecondary Education/Section 1 Program Reviewer	2014
SERA Annual Conference Program Reviewer	2014
AERA Division D - Measurement and Research Methodology Program Reviewer	2013
AERA Multiple Linear Regression SIG Program Reviewer	2013
AERA Division J - Postsecondary Education/Section 1 Program Reviewer	2013
SERA Annual Conference Program Reviewer	2013
SERA Annual Conference Program Reviewer	2012
NASPA Annual Conference Program Reviewer	2011
SERA Annual Conference Program Reviewer	2011
NASPA Annual Conference Program Reviewer	2010
SERA Annual Conference Program Reviewer	2010
NASPA Annual Conference Program Reviewer	2009
SERA Annual Conference Program Reviewer	2009
NASPA Annual Conference Program Reviewer	2008

COMMUNITY

Stewardship Committee, First Methodist Mansfield, Mansfield, TX.	2017
Stewardship Committee, First Methodist Mansfield. Mansfield, TX.	2016
Co-Lead Facilitator, LeaderShape Institute, Texas State University – San Marcos, TX	2016
Co-Lead Facilitator, LeaderShape Institute, University of Alabama – Tuscaloosa, AL	2014
Board of Trustees, Parkway Heights United Methodist Church. Hattiesburg, MS	2014
Co-Lead Facilitator, LeaderShape Institute, University of Tennessee – Chattanooga, TN	2013
Co-Lead Facilitator, LeaderShape Institute, St. Edwards University, TX	2011

Co-Lead Facilitator, LeaderShape Institute, Miami University, OH	2010
Co-Lead Facilitator, LeaderShape Institute, Alma College, MI	2009
Cluster Facilitator, LeaderShape Institute, National Session, Champaign, IL	2008

SERVICE AWARDS & RECOGNITIONS

Outstanding Service (less than 2 years) <i>Texas Christian University, Fort Worth, TX</i>	2008
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EDUCATIONAL CONSULTING

Arkansas Tech University, Office of Residence Life. Russellville, AR
Boy Scouts of America, Pine Blur Area Council. Hattiesburg, MS
DORE Program, Hattiesburg, MS
DREAM Hattiesburg. Hattiesburg, MS
Fairfield University. Fairfield, CT
Family YMCA. Hattiesburg, MS
Keller United Methodist Church, Keller, TX
Salvation Army Boys & Girls Club. Hattiesburg, MS
Texas Christian University, Office of Student Development Services. Fort Worth, TX
United Way of Southeast Mississippi. Hattiesburg, MS

PROFESSIONAL DEVELOPMENT

Kellogg Institute for Adult and Developmental Educators and Learning Skills Specialists, <i>Appalachian State University</i>	2017
National Summit on Developmental Mathematics <i>National Association for Developmental Education</i>	2016
Fundamentals of R <i>The Georgia R School</i>	2017
Structural Equation Modeling <i>The Georgia R School</i>	2010
Factor Analysis, Summer Statistics Institute	2009

University of Texas at Austin

Guy Things: Men, Masculinities, and Student Development 2007
ACPA Student Affairs E-Learning Course

Crucial Conversations 2007
Texas Christian University

StrengthsQuest Educator Seminar 2006
The Gallup Corporation

OTHER RECOGNITIONS & ACHIEVEMENTS

Honor Societies

Phi Kappa Phi National Honor Society (Lifetime Member)

Awards & Recognitions

Texas A&M University Student Body President 2001
Buck Weirus Spirit Award, Texas A&M University 2001
Cadet Colonel of the Corps, Texas A&M University 2000
Distinguished Military Science Student, Texas A&M University 2000
General Douglas MacArthur Award, Texas A&M University 2000
Distinguished Student, Texas A&M University 1998