

**Peter Sheppard, Ph.D.**

Title	Professor and Founding Director of the Center for Excellence in Education (CEE)
Department	Center for Excellence in Education and Educational Curriculum and Instruction
Phone Extension	337-482-1514
Email Address	psheppard@louisiana.edu
Education	Ph.D. Southern University-Baton Rouge Mathematics Education
Teaching Philosophy	Dr. Sheppard posits that all university and K-12 students possess <i>Hidden or Un-Met potential</i> and the unearthing of said potential can be accelerated through increased exposure to student-centric, experience-based, culturally relevant pedagogy.
Bio	Dr. Sheppard, holder of the SLEMCO/BORSF Professorship in Education II, served as EDCI Department Head prior to his current position. During his tenure, EDCI earned top Value Added Ratings for Mathematics (1 <sup>st</sup> among all Louisiana teacher preparation providers), English (2 <sup>nd</sup> ), and Science (3 <sup>rd</sup> ) according to the Louisiana Board of Regents for years 2017 and 2018. Under Dr. Sheppard's leadership the Louisiana Department of Education, through its 2019 Workforce Report, noted that EDCI had the best 3-year retention rate of any teacher preparation program in the state. In the area of program development, no less than two dozen new graduate courses, two new degree programs, and two unique doctoral concentrations were created under his leadership. US News and World Report named EDCI's online Master's among the top in the country and gave it a higher rating than any similar program in Louisiana. Dr. Sheppard's faculty recruitment strategies led to perhaps the most geographically and ethnically diverse faculty in the history of the department. EDCI also posted historic productivity in the areas of publications (including peer-reviewed journals and books), scholarly presentations, and funded projects (exceeding \$4 million in active funding each of the last five years of his tenure).
Courses Taught	EDCI 349: PK-6 Math Methods I EDCI 350: PK-6 Math Methods II EDCI 351: Practicum in Elementary Math EDCI 352: Middle School Math Methods EDCI 452: Secondary School Math Methods EDCI 520: Advanced Pedagogical Content Knowledge for Math Teaching

	<p>EDCI 542: Supervision of Student Teaching  EDCI 595: Advanced Mathematics Practicum  EDCI 599: Capstone in Curriculum and Instruction  EDCI 852: Research &amp; Best Practices in Mathematics Curriculum Leadership</p>
Research Interests	<p>Research seeks to uncover demonstrable ways in which the mathematics schooling experiences of underrepresented groups is enhanced so that discussions regarding the cerebral capacity of the aforesaid shift from embellishing test score discrepancies to fostering a culture of mathematics excellence. Accordingly, scholarly pursuits center on: 1) teacher preparation of elementary, middle, and high school prospective mathematics teachers; 2) professional development and growth of practicing mathematics teachers; and 3) variables, factors, and other contributors to the success of underrepresented groups in mathematics. His research interests also include teacher preparation quality, policy, and accountability.</p>
Teaching Experience	<p>Dr. Sheppard spent three years at Louisiana State University in the Gordon A. Cain Center for STEM Literacy serving as program manager for secondary math &amp; science teacher preparation. He also taught sections of EDCI 2001, Education School and Society while at LSU.</p>
Publications	<p><b>Sheppard, P.</b> and Gallagher, M. (Eds). (2019). <i>Strengthening Mathematical Reasoning Among Middle School Students</i>. Lanham, Maryland: Rowman and Littlefield.</p> <p><b>Sheppard, P.</b>, Covington, A., Tackie, N., &amp; Flint, T. (2019). To What Extent Does the Hands-On Exposure to Algebraic Thinking Project Predict Future Mathematics Achievement? <i>Journal of Educational Issues</i> (Manuscript Accepted for Publication)</p> <p>Williams, D., Barber, A. &amp; <b>Sheppard, P.</b> (2019). Making Inspired by Nature: Engaging Preservice Elementary Teachers and Children in Maker-centered Learning and Biomimicry. In K. Graziano (Ed.), <i>Proceedings of Society for Information Technology &amp; Teacher Education International Conference</i> (pp. 1660-1665). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).</p> <p>Flint, T., <b>Sheppard, P.</b>, and Tackie, N. (2018). How You Like Me Now? Exploring Teacher Perceptions of Urban Middle Schoolers'</p>

	<p>Mathematical Abilities and the Construction of Students' Mathematical Identities. <i>Education and Urban Society</i>. DOI: <a href="https://doi.org/10.1177/0013124518785017">https://doi.org/10.1177/0013124518785017</a></p> <p>Tackie, N., <b>Sheppard, P.</b> &amp; Flint, T. (2018). Engendering algebraic readiness through pictorial representations, <i>Investigations in Mathematics Learning</i>, DOI: <a href="https://doi.org/10.1080/19477503.2018.1456894">10.1080/19477503.2018.1456894</a></p> <p><b>Sheppard, P.</b> (2011). Experience-Centered Instruction as a Catalyst for Teaching Mathematics Effectively to African American Students. <i>Journal of Negro Education</i>, 80(3): 254-265.</p> <p>Ma, Y., <b>Sheppard, P.</b> &amp; Williams, D. (2011). Engaging Elementary Mathematics Teachers in Developing a Mathematics Teaching Case Library. <i>Published Proceedings from the 22nd Society for Information Technology and Teacher Educators Conference</i>.</p> <p><b>Sheppard, P.</b> (2009). Putting the "Teacher" in Teacher Preparation. <i>Empowering Mentors of Pre-service Mathematics Teacher</i>. National Council for Teachers of Mathematics, Reston, VA</p> <p><b>Sheppard, P.</b> (2009). Louisiana's Educational Accountability System: Highly Ranked at What Cost? <i>Southeastern Teacher Education Journal</i>, (2) 2: 57-62.</p> <p><b>Sheppard, P.</b> (2009) Prospective Teachers Experiences Teaching Mathematics to African American Males. <i>Education</i>, 130(2): 226-231.</p> <p><b>Sheppard, P.</b> (2009) The Conspicuously Unnoticed: High Achievers in Low Performing Schools. In Pitre, A. and Ray, R Foundations, <i>Curriculum and Narratives of African Experiences</i>. Rowan and Littlefield.</p> <p><b>Sheppard, P (2006)</b>. Successful Mathematics Students in Academically Unacceptable High Schools. <i>Education</i> (126) 4: 609-62.</p> <p><b>Sheppard, P (2005)</b>. Redefining the Role of Science and Math Mentors. <i>Academic Exchange Quarterly</i> (9) 4: 229-233.</p> <p><b>Sheppard, P</b>, Cartledge, F. &amp; Nixon, B. (2004) Preparing Science and Mathematics Teachers for Grades 7-12: A Community of Scholars at Work. <i>Proceedings from the National Science</i></p>
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	<p style="text-align: center;"><i>Foundation STEM Teacher Preparation PI Conference, Arlington, VA</i></p> <p><b>Accreditation and Annual Reports</b></p> <p><b>Sheppard, P. (2017).</b> CAEP Accreditation Report (SIP: Selected Improvement Plan).</p> <p><b>Sheppard, P. (2014).</b> Secondary Mathematics NCTM SPA Accreditation Report submitted to the National Council for Accreditation of Teacher Education (Nationally Recognized)</p> <p><b>Sheppard, P. (2014, 2015, 2016, 2017, 2018, 2019).</b> Annual Report for Strengthening Teacher Education through Mathematics &amp; Science Teaching Scholars (STEMS<sup>2</sup>) in Louisiana project submitted to the National Science Foundation.</p> <p><b>Sheppard, P. (2013, 2014, 2015, 2016, 2017, 2018).</b> Annual Report for Louisiana Mathematics Master’s in Middle (LaM<sup>3</sup>) project submitted to the National Science Foundation.</p> <p><b>Sheppard, P. (2012).</b> Secondary Mathematics NCTM SPA Accreditation Report submitted to the National Council for Accreditation of Teacher Education (Nationally Recognized)</p> <p><b>Sheppard, P. Lopez, K, Beaulieu, P. &amp; Keller, M (2010).</b> Secondary Mathematics NCTM SPA Report (Nationally Recognized).</p> <p><b>Sheppard, P., Cartledge, F, &amp; Kirshner, D. (2006).</b> Annual Report for Louisiana State University’s STEM-TP Grant and Noyce Scholarship Grant, submitted to the National Science Foundation.</p> <p><b>Sheppard, P., Cartledge, F. &amp; Kirshner, D. (2005).</b> Annual Report for Louisiana State University’s STEM-TP and Noyce Scholarship Grant. submitted to the National Science Foundation.</p> <p><b>Sheppard, P., Cartledge, F. and Kirshner, D. (2004).</b> Annual Report for Louisiana State University’s STEM-TP Grant, submitted to the National Science Foundation.</p>
Presentations	<p><b>Selected National Presentations:</b></p> <p><b>Sheppard, P. &amp; Ekmekci, A (2018).</b> Noyce Teacher Noticing When Observing Other Noyce and non-Noyce Teachers. National Science Foundation Noyce Conference, Washington, DC.</p> <p><b>Sheppard, P (2017, July).</b> Engendering Algebraic Proficiency through H.E.A.T. (Hands-On Exposure to Algebraic Topics). NCCEP/GEAR-UP National Conference, San Francisco, CA.</p>

**Sheppard, P.** (2016, July). Strengthening Teacher Education through Mathematics & Science Teaching Scholars (STEMS2) in Louisiana. National Science Foundation, Noyce Conference, Washington, D.C.

Haj-Broussard, M. & **Sheppard, P.** (2016). Stakeholder Collaboration to create a French Immersion MAT Program. National Association Alternative Certification, New Orleans, LA.

**Sheppard, P.** (2014, June). Using Master Teachers to Unearth Hidden or Unmet Potential in Mathematics. National Science Foundation, Noyce Conference, Washington, D.C.

**Sheppard, P.** (2014, April). Using TCM Lessons to Implement the Standards for Mathematical Practice. National Council for Teachers of Mathematics, New Orleans, LA.

**Sheppard, P.** (2013, May). The Louisiana Mathematics Masters in the Middle (LaM3) Project - Year 1. National Science Foundation, Noyce Conference .

Beaulieu, P., **Sheppard, P.**, Eubanks-Turner, C., and Lopez, K. (2013). Elementary Mathematics Specialist Program at the University of Louisiana at Lafayette. Joint Mathematics Meetings (Mathematics Association of America), San Diego, California.

**Sheppard, P.** (2012, April). Using TCM to Assist Students with Hidden or Unmet Potential. National Council for Teachers of Mathematics, Philadelphia, PA.

**Sheppard, P.** (2011, November). Engendering Algebraic Readiness through H.E.A.T. School Science and Mathematics Association Convention, Colorado Springs, CO.

**Sheppard, P.** (2011) Approaches to Success: Gendered Analysis of African Americans in STEM (Discussant), American Educational Research Association Annual Meeting New Orleans, LA.

Ma, Y., **Sheppard, P.** & Williams, D. (2011, March). Engaging Elementary Mathematics Teachers in Developing a Mathematics Teaching Case Library. Society for Information Technology

	<p>and Teacher Educators Conference, Nashville, TN.</p> <p><b>Sheppard, P.</b> (2009, April) Towards Merging the Experiences of African American Students with the Mathematics Curriculum. American Educational Research Association Annual Meeting, San Diego, CA</p> <p><b>Sheppard, P.</b> (2009, April) Connecting the Experiences of African American Students with the Mathematics Curriculum. Research Precession of the NCTM Annual Meeting, Washington D.C.</p> <p><b>Sheppard, P.</b> (2008, April) Number One at What Cost? An Examination of Louisiana’s Accountability System. National Social Sciences Association, Las Vegas, Nevada.</p> <p><b>Sheppard, P.</b> (2008, February) Using Service Learning to Foster the Pedagogical and Dispositional Development of Prospective Elementary Math Teachers. Association of Teacher Educators, New Orleans, LA</p> <p><b>Sheppard, P.</b> (2007, April ). Teaching and Teacher Education in Mathematics and Science (Discussant). American Educational Research Association Annual Meeting, Chicago, IL.</p> <p><b>Sheppard, P.</b> (2007, November) Using Service Learning to Enhance Pedagogical Development in Elementary Mathematics. School Science and Mathematics Association, Indianapolis, IN.</p> <p><b>Sheppard, P.</b> (2006, October). Redefining Highly Qualified Secondary School Teachers. Phi Delta Kappa International Conference.</p> <p><b>Sheppard, P.</b> (2006, April). Successful Mathematics Students in Academically Unacceptable High Schools. Annual Meeting of the American Educational Research Association. San Francisco, CA.</p> <p><b>Sheppard, P.</b> (2006, April). A Collaborative Approach to Recruiting and Developing Highly Qualified Science and Mathematics Teacher Candidates. Annual Meeting of the American Educational Research Association. San Francisco, CA.</p> <p><b>Sheppard, P.</b> (2006, Feb). Recruiting and Developing a Cadre of Highly-Qualified, Culturally Responsive Science and</p>
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	<p>Mathematics Teacher Candidates. Annual Meeting, Association of Teacher Educators, Atlanta, GA</p> <p><b>Sheppard, P.</b> (2006, Jan). A Collaborative Approach to Developing Highly Qualified Mathematics Teachers. Annual Meeting of the Association of Mathematics Teacher Educators. Tampa, FL.</p> <p><b>Sheppard, P.</b> (2005, Nov.) A Collaborative Approach to Developing Highly Qualified Science &amp; Mathematics Teachers. Phi Delta Kappa International Conference, Chicago, IL.</p>
Grants	<p><b><u>Funded Projects</u></b></p> <ol style="list-style-type: none"> <li>1. <b>Sheppard, P.</b>, (2018-19). Transition 8G - CA<sup>3</sup>PT IV: Program Compliance. Louisiana Department of Education (Teacher Preparation Transition Funds), <b>\$34,500.</b></li> <li>2. <b>Sheppard, P.</b>, Daspit, T., and Beard, D. (2018-19). Transition IDEA - CA<sup>3</sup>PT IV: Program Support. Louisiana Department of Education (Teacher Preparation Transition Funds), <b>\$33,500.</b></li> <li>3. <b>Sheppard, P.</b> &amp; Tolley, L. (2018-19). Transition TIF - CA<sup>3</sup>PT IV: Program Advancement Louisiana Department of Education (Teacher Preparation Transition Funds), <b>\$61,925.</b></li> <li>4. <b>Sheppard, P.</b>, &amp; Madden, J. (2017 – 2023). Louisiana Educator Research Consortium. Louisiana Department of Education, <b>\$100,000.</b></li> <li>5. <b>Sheppard, P.</b>, Bruce-Davis, M., Daspit, T, &amp; Beard, D. (2017-18) Collaborative for the Apprenticeship of Acadiana Area Prospective Teachers II (CA<sup>3</sup>PT II). Louisiana Department of Education, <b>\$237,500.</b></li> <li>6. <b>Sheppard, P.</b>, Haj-Broussard, M., &amp; Wilson-Rone, K. (2017-18). Rural Experiences for Prospective Practitioners (REPP). Louisiana Department of Education Residency Expansion Grant, <b>\$325,000.</b></li> <li>7. <b>Sheppard, P.</b>, Bruce-Davis, M., Daspit, T, Beard, D., &amp; Hebert, B. (2016-17)</li> </ol>

	<p>Collaborative for the Apprenticeship of Acadiana Area Prospective Teachers II (CA<sup>3</sup>PT II). Louisiana Department of Education, <b>\$217,000.</b></p> <p>8. Ruiz, M., Gallagher, M., &amp; <b>Sheppard, P.</b> (2017-18). Improving Teachers' Mathematics Instruction of Students with Limited English Language Proficiency. Louisiana Board of Regents (LaSIP), <b>\$217,987.</b></p> <p>9. Williams, D., <b>Sheppard, P.</b>, &amp; Barber, A. (2017-19). Making Inspired by Nature: Digital Tools and Activities for Supporting Pre-service Elementary Teachers in Applying Biomimicry in a Maker-centered Classroom. National Science Foundation, EAGER <b>\$255,814.</b></p> <p>10. <b>Sheppard, P.</b>, Bruce-Davis, M., Daspit, T, Beard, D., &amp; Hebert, B. (2015-16) Collaborative for the Apprenticeship of Acadiana Area Prospective Teachers (CA<sup>3</sup>PT). Louisiana Department of Education, <b>\$200,000.</b></p> <p>11. <b>Sheppard, P.</b> Hands-On Exposure to Algebraic Topics - H.E.A.T. Phase II (2015-20). Sub -grant Lafayette Parish School System, US Department of Education GEAR-UP, <b>\$210,000.</b></p> <p>12. <b>Sheppard, P.</b>, Beaulieu, P., &amp; Lopez, K. (2014-19). Strengthening Teacher Education with Mathematics and Science Scholars (STEMS<sup>2</sup>). National Science Foundation, <b>\$1,193,309.</b></p> <p>13. <b>Sheppard, P.</b> &amp; Jumonville, M. (2013 - 14). High School H.E.A.T.: College Prep. Sub-grant Lafayette Parish School System, US Department of Education GEAR-UP, <b>\$43,194.</b></p> <p>14. <b>Sheppard, P.</b>, Eubanks-Turner, C., Beaulieu, P., &amp; Lopez, K. (2012-17). The Louisiana Mathematics Masters in the Middle Project. National Science Foundation, <b>\$1,858,145.</b></p> <p>15. <b>Sheppard, P.</b> (2012 - 13). High School H.E.A.T. II (Hands-On Exposure to Algebraic Topics). Sub -grant Lafayette Parish School System, US Department of Education GEAR-UP. <b>\$50,974.</b></p>
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16. Eubanks-Turner, C., **Sheppard, P.**, Beaulieu, P., & Lopez, K. (2011-12). The Louisiana Noyce Teaching Fellows/Master Teaching Fellows Planning Project. National Science Foundation, **\$127,449**.
17. **Sheppard, P.** (2011 - 12). High School H.E.A.T. (Hands-On Exposure to Algebraic Topics). Sub -grant Lafayette Parish School System, US Department of Education GEAR-UP. **\$51,454**.
18. **Sheppard, P.**, Eubanks-Turner, C., Lopez, K., & Trahan, M. (2011 - 12) A TEAM (Tactile Experiences with Algebraic Models) Approach to Improving Algebraic Competency. Louisiana Board of Regents. **\$258,562**.
19. Ma, Y., **Sheppard, P.**, Williams, D. (2011 - 12) Enhancing Future Teachers Conceptual Understanding of Mathematics and Skills in Teaching Mathematical Thinking Strategies. Louisiana Board of Regents, Enhancement Grant, **\$122,871**.
20. **Sheppard, P.**, Ma, Y, Lopez, K., & Williams, D. (2010 - 12). Utilizing Student Responses as Catalysts for Improving Mathematics Teacher Knowledge. Louisiana Board of Regents, Louisiana Systemic Initiatives Program **\$337,095**.
21. **Sheppard, P.** (2010 - 11). Hands-On Exposure to Algebraic Topics II (HEAT II). Sub-grant. Lafayette Parish School System, US Department of Education GEAR-UP. **\$37,000**.
22. **Sheppard, P.** & Carlson, G. (2010-12). University of Louisiana at Lafayette Value-Added Qualitative Research. CITAL Foundation/Louisiana Board of Regents sub-grant, **\$40,000**.
23. Jumonville, M. & **Sheppard, P.** (2010-11), STEPS: Secondary Teachers Engaged in Problem Solving. Sub-grant Lafayette Parish School System, US Department of Education GEAR-UP. **\$30,000**.
24. **Sheppard, P.** (2009 - 10). Hands-On Exposure to Algebraic Topics (HEAT). Lafayette Parish School System, US Department of Education GEAR-UP. **\$39,847**.

	<p>25. <b>Sheppard, P.</b>, Lopez, K., &amp; Keller, M (2009-10) Improving the PACS of Middle Grades Teachers II, Louisiana Board of Regents, Louisiana Systemic Initiatives Program. <b>\$187,164.</b></p> <p>26. <b>Sheppard, P.</b>, Lopez, K. and Keller, M. (2008-09) Improving the PACS (Pedagogical Assessment and Content Skills) of Middle Grades Teachers. Louisiana Board of Regents, Louisiana Systemic Initiatives Program, <b>\$206,000.</b></p> <p>27. <b>Sheppard, P.</b> &amp; Carlson, G (2007-09) University of Louisiana at Lafayette Value-Added Qualitative Research Project. Carnegie Foundation Sub-grant. Louisiana Board of Regents, <b>\$57,000.</b></p> <p>28. <b>Sheppard, P.</b> (2007) Cajun Comrades Project: Learn and Serve America Sub-grant award, University of Louisiana System, <b>\$57,728.</b></p> <p>29. <b>Sheppard, P.</b> (2007). Using Service Learning to Foster the Pedagogical and Dispositional Development of Prospective Elementary Math Teachers. Summer Research Award, University of Louisiana at Lafayette, <b>\$4800.</b></p> <p>30. Neubrandner, F., McAnelly, N., Wischusen, W. &amp; <b>Sheppard, P</b> (2006) Louisiana State University, Student Technology Fee Grant. Math and Science Teaching Labs for LSU's Teacher Preparation programs, <b>\$33,399.</b></p> <p>31. <b>Sheppard, P.</b> (2005). Enhancing Pre-Service Teacher Instruction with Handheld Technology. Texas Instruments/Benjamin Banneker Association, <b>\$2973.</b></p>
Conferences Attended	American Education Research Association, National Council for Teachers of Mathematics, Phi Delta Kappa, Louisiana Association for Teachers of Mathematics, Association of Science Teacher Educators, Association of Mathematics Teacher Educators, National Science Teachers Association, School Science and Mathematics Association.
Professional Memberships	American Education Research Association, National Council for Teachers of Mathematics, Phi Delta Kappa, Louisiana Association for Teachers of Mathematics.
Awards	Non-Exhaustive:

	<p>Outstanding Achievement in Research and Sponsored Activities (Two-Time Winner), UL Lafayette.  Phi Delta Kappa International, Emerging Leader  Louisiana Association of Teachers of Mathematics,  Outstanding Mathematics Professor.  Two-Time Winner of Outstanding Advising Award  Named to University of Louisiana System Management and Leadership Institute (Cohort II)  Named to the American Council on Education's Spectrum Aspiring Leaders Cohort.  Alpha Lambda Delta Recognition for Outstanding University Teaching (LSU)</p>
Additional Skills	Served as educational consultant for multiple school districts for mathematics professional development.
Dissertation	<p>SUCCESSFUL AFRICAN-AMERICAN MATHEMATICS STUDENTS IN ACADEMICALLY UNACCEPTABLE HIGH SCHOOLS  Dissertation Advisor: Ernest Zebrowski, Jr.</p>
Other Professional Experience	Dr. Sheppard spent 5 years as middle school math and science teacher. He also served as varsity head track coach, winning a state championship in outdoor track and earning state-runner-up in indoor track. He also served as assistant varsity football coach helping the team to a state runner-up finish.
Service	<p>Selected Current and Prior Service includes:  Proposal Reviewer for the American Educational Research Association - Division K Teacher Education, SIG Research Focus on Mathematics Education  Proposal Reviewer for the NCTM Research Precession  Proposal Reviewer National Science Foundation  Manuscript Reviewer  Member of the University Strategic Planning Shared Governance Committee  Chair &amp; Member, University of Louisiana at Lafayette Graduate Council  Member, Service Learning Advisory Board for UL Lafayette  Past Member, University Athletic Council (ex officio, UL Athletic Director)  Past Member, University Program Review Committee, UL Lafayette  Past Member, SACS Five Year Review Task Force  Member, Graduate School Task Force</p>

	Member, Elementary Mathematics Specialist Committee, State of LA Committee to Select the Outstanding College of Education Graduate, University of Louisiana – Lafayette (2006-Present) Volunteer track coach at local school
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