

University of Louisiana at Lafayette

College of Education Faculty Curriculum Vitae Information

Peter Sheppard, Ph.D.

Title Department Office Number Extension Email Address	Professor/Department Head EDCI, Education Curriculum & Instruction MDD 301 482-1514 psheppard@louisiana.edu
Education	Ph.D., Science & Mathematics Education (Mathematics Emphasis), Southern University-Baton Rouge M. Ed., Educational Administration and Supervision, Southern University-Baton Rouge. B.S., Elementary Education, Southern University Baton Rouge.
Teaching Philosophy	My teaching approach is rooted in constructivism and I have a staunch commitment to ensuring prospective teachers understand mathematics conceptually and convey that understanding in manner that is rigorous and yet relevant to K-12 student interests. Intertwined in my courses are experiential and research-based experiences that provide candidates ample opportunities to engage in instructional practices that are consistent with pedagogical reforms.
Bio	In his current role, Dr. Sheppard supervises over 30 full time faculty members. His department enrolls roughly 1000 undergraduate and graduate students seeking initial or advanced k-12 teacher credentials. His facilitative leadership cultivates substantive contributions from faculty and simultaneously typifies a collegial atmosphere where synergy is a pillar of success. A strong believer in shared governance, Dr. Sheppard has been instrumental in several transformative university endeavors including membership on the: Academic Prioritization Task Force, University Task Force on Graduate Education Governance, UL Strategic Planning Committee's Governance Task Force, University Athletic Committee, and Graduate Council (former chair). He oversees an annual departmental budget of 2.5 million dollars and currently serves as principal investigator on two National Science Foundation projects whose total value exceeds \$3 million. As a mathematics education researcher he has received roughly \$5 million in funding. The overarching goal of his research is Throughout his career he has earned a range of commendation (non exhaustive): <i>Phi Delta Kappa International Emerging Leader Award, UL Lafayette Outstanding Advisor Award, Louisiana</i>

	<p><i>Association of Teachers of Mathematics Outstanding College Mathematics Professor, UL Lafayette Outstanding Achievement in Research and Sponsored Activities Award, and Louisiana Association of Computer Using Educators Region IV Post-Secondary Teacher of the Year. Dr. Sheppard holds the SLEMCO Professorship in Education and was selected to participate in the American Council on Education’s Spectrum Aspiring Leaders Program.</i></p>
<p>Courses Taught</p>	<p>EDCI 349 – Elementary Math Methods I EDCI 350 – Elementary Math Methods II EDCI 351 – Elementary Math Practicum EDCI 352 – Middle School Mathematics Methods EDCI 520 – Advanced Pedagogical Content Knowledge for Mathematics Teaching EDCI 542 – Supervision of Student Teaching EDCI 595 – Advanced Mathematics Practicum</p>
<p>Research Interests</p>	<p>Dr. Sheppard’s 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, his 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.</p>
<p>Teaching Experience</p>	<p>2012-Pres Department Head, Curriculum & Instruction, College of Education, University of Louisiana at Lafayette. <i>Supervises 30+ full time faculty; Troubleshoots & Addresses Policy and Curriculum Concerns; Manages \$2.7 million budget; Oversees department serving 1000+ students.</i></p> <p>2006-Pres Faculty Member, Department of Curriculum and Instruction, College of Education, University of Louisiana at Lafayette. Starting rank was Assistant Professor current rank is Full Professor. <i>Embodies the three pillars of the professoriate: Teaching, Research, & Service. Focuses on maximizing outreach and teaching so</i></p>

	<p><i>that outcomes & implications intersect scholarship.</i></p> <p>2003-06 Program Manager, Mathematics & Science Teacher Preparation, Gordon A. Cain Center for STEM Literacy, Louisiana State University. Other duties included Adjunct Faculty, College of Education. <i>Collaborated with pedagogy & content faculty and administrators to implement redesigned secondary education program; Led all meetings among College Deans, Department Heads, & affiliated faculty. Completed Annual Reports. Recruited, advised, mentored prospective Math/ Science Teachers; Recruited & Trained select group of 32 mentor teachers; Oversaw \$1.5 million dollar project budget; Disseminated project results nationally.</i></p> <p>1998-03 Teacher, Southern University Laboratory School, middle school mathematics and science. Other duties included Head Coach -Varsity Track, Assistant Coach -Varsity Football. <i>Posted highest standardized mathematics test scores in school history; Served as summer remediation coordinator; Led track team to 2003 outdoor state championship and 2003 indoor state runner-up. Assistant Football Coach for five years including 2000 state runner-up team.</i></p>
Publications	<p>Sheppard, P. (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., Sheppard, P. & Williams, D. (2011). Engaging Elementary Mathematics Teachers in Developing a Mathematics Teaching Case Library. <i>Published Proceedings from the 22nd Society for</i></p>

	<p><i>Information Technology and Teacher Educators Conference.</i></p> <p>Sheppard, P. (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>Sheppard, P. (2009). Louisiana’s Educational Accountability System: Highly Ranked at What Cost? <i>Southeastern Teacher Education Journal</i>, (2) 2: 57-62.</p> <p>Sheppard, P. (2009) Prospective Teachers Experiences Teaching Mathematics to African American Males. <i>Education</i>, 130(2): 226-231.</p> <p>Sheppard, P. (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>Sheppard, P (2006). Successful Mathematics Students in Academically Unacceptable High Schools. <i>Education</i> (126) 4: 609-62.</p> <p>Sheppard, P (2005). Redefining the Role of Science and Math Mentors. <i>Academic Exchange Quarterly</i> (9) 4: 229-233.</p> <p>Sheppard, P, Cartledge, F. & Nixon, B. (2004) Preparing Science and Mathematics Teachers for Grades 7-12: A Community of Scholars at Work. <i>Proceedings from the National Science Foundation STEM Teacher Preparation PI Conference</i>, Arlington, VA</p> <p>* Fifteen other technical reports including accreditation reports authored by Dr. Sheppard are not listed.</p>
Presentations	<p>Sheppard, P. (2014, June). Using Master Teachers to Unearth Hidden or Unmet Potential in Mathematics. National Science Foundation, Noyce Conference, Washington, D.C.</p> <p>Sheppard, P. (2014, April). Using TCM Lessons to Implement the Standards for Mathematical Practice. National Council for Teachers of Mathematics, New Orleans, LA.</p>

- Sheppard, P.** (2013, May). The Louisiana Mathematics Masters in the Middle (LaM3) Project - Year 1. National Science Foundation, Noyce Conference (Poster Session).
- 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 and Teacher Educators Conference, Nashville, TN.
- Sheppard, P.** (2009, April) Towards Merging the Experiences of African American Students with the Mathematics Curriculum. American Educational Research Association Annual Meeting, San Diego, CA
- Sheppard, P.** (2009, April) Connecting the Experiences of African American Students with the Mathematics Curriculum. Research Precession of the NCTM Annual Meeting, Washington D.C.

State/Regional Presentations

- Sheppard, P. (2012, January) Utilizing NAEP Data to Identify Instructional Practices that

	<p>are Beneficial to Students with Disabilities. Louisiana Council for Exceptional Children Super Conference, Lafayette, LA.</p> <p>Sheppard, P. (2011, October) Utilizing TCM to Address Common Errors in Elementary Mathematics. Louisiana Association of Teachers of Mathematics, Monroe, LA</p> <p>Sheppard, P. (2011, March). Analyzing the Pedagogical Content Knowledge of Middle Grades Teachers Teaching in Underperforming Schools. Louisiana Educational Research Association Meeting, Lafayette, LA</p> <p>Sheppard, P., Ma, Y, & Williams, D. (2011, March) Utilizing Student Responses to Develop a Framework for Case-Based Libraries in Elementary Mathematics</p> <p>Sheppard, P. (2010, October) A “Hands On” Approach to Algebraic Competency in the Middle Grades. National Council for Teachers of Mathematics, Regional Conference. New Orleans, LA.</p> <p>Sheppard, P. (2010, March) What’s the Problem? Examining NAEP Data to Better Understand Louisiana Students’ Difficulties in Mathematics. Louisiana Educational Research Association Annual Meeting, Lafayette, LA</p> <p>Sheppard, P. (2009, November). Towards Connecting the Experiences of African American Students with the Mathematics Curriculum. Mid-South Educational Research Association, Annual Meeting, Baton Rouge, LA.</p> <p>Sheppard, P. (2009, November). A Hands-On Approach to Teaching Basic Algebraic Equations. Louisiana Association for Teachers of Mathematics, Annual Meeting, Shreveport, LA.</p>
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	<p>Sheppard, P. (2009, March). Eradicating the Term “At Risk Student.” Louisiana Educational Research Association Annual Meeting, Lafayette, LA</p>
<p>Grants</p>	<p>Sheppard, P., Bruce-Davis, M., Daspit, T, Beard, D., & Hebert, B. (2015-16) Collaborative for the Apprenticeship of Acadiana Area Prospective Teachers (CA³PT). Louisiana Department of Education, \$200,000.</p> <p>Sheppard, P. 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, \$210,000.</p> <p>Sheppard, P., Beaulieu, P., & Lopez, K. (2014-19). Strengthening Teacher Education with Mathematics and Science Scholars (STEMS²). National Science Foundation, \$1,193,309.</p> <p>Sheppard, P. & Jumonville, M. (2013 - 14). High School H.E.A.T.: College Prep. Sub-grant Lafayette Parish School System, US Department of Education GEAR-UP, \$43,194.</p> <p>Sheppard, P., Eubanks-Turner, C., Beaulieu, P., & Lopez, K. (2012-17). The Louisiana Mathematics Masters in the Middle Project. National Science Foundation, \$1,858,145.</p> <p>Sheppard, P. (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. \$50,974.</p> <p>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.</p> <p>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.</p>

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.**

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.**

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.**

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.**

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.**

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.**

Sheppard, P. (2009 - 10). Hands-On Exposure to Algebraic Topics (HEAT). Lafayette Parish School System, US Department of Education GEAR-UP. **\$39,847.**

Sheppard, P., Lopez, K., & Keller, M (2009-10) Improving the PACS of Middle Grades Teachers II, Louisiana Board of Regents, Louisiana Systemic Initiatives Program. **\$187,164.**

Sheppard, P., 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, **\$206,000.**

	Sheppard, P. & Carlson, G (2007-09) University of Louisiana at Lafayette Value-Added Qualitative Research Project. Carnegie Foundation Sub-grant. Louisiana Board of Regents, \$57,000.
Conferences Attended	
Professional Memberships	American Education Research Association Association of Teacher Educators Association of Mathematics Teacher Educators Phi Delta Kappa Louisiana Education Research Association National Council of Teachers of Mathematics Louisiana Association for Teachers of Mathematics School Science and Mathematics Association
Awards	2014 Louisiana Association of Computer Using Educators, Region IV Post-Secondary Teacher of the Year. 2014 & 2016 Outstanding Achievement in Research and Sponsored Activities, UL Lafayette. 2009 Louisiana Association of Teachers of Mathematics, Outstanding College (Education) Professor. 2009 American Educational Research Association Division K, Early Career Scholar Travel Award. 2009 Outstanding Advisor Award, University of Louisiana at Lafayette.
Additional Skills	
Dissertation	<i>Successful African-American Mathematics Students in Academically Unacceptable High Schools.</i> Dissertation Advisor: Ernest Zebrowski.
Other Professional Experience	
Service	Chair & Member, University of Louisiana at Lafayette Graduate Council (2011-14) Member, Service Learning Advisory Board for UL Lafayette Member, University Athletic Council Member, Academic Prioritization Task Force), UL Lafayette Member, SACS Five Year Review Task Force

	<p>Member, Graduate School Task Force Member, Search Committee for VP of Research Member, Elementary Mathematics Specialist Committee, State of Louisiana Committee to Select the Outstanding College of Education Graduate, University of Louisiana – Lafayette Proposal Reviewer for the American Educational Research Association - Division K Teacher Education, SIG Research Focus on Mathematics Education (2006 - Present) Proposal Reviewer for the National Council for Teachers of Mathematics Annual Meeting Research Precession</p>
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