

## **ALONZO F. PETERSON, Ph.D.**

**Dean School of Arts & Sciences**

**Langston University**

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### **EDUCATION:**

- **Louisiana State University**, Baton Rouge, LA.  
Post Graduate Studies in Education Leadership, Research, and Counseling:  
Administration of Personnel, Economics of Education, Supervision of Student Teachers,  
2005.
  - **Louisiana State University**, Baton Rouge, LA.  
Doctor of Philosophy, Mathematics Education  
Dissertation: Constructive Habituation as an Educational Approach to Process-Object  
Reification in Mathematics, December 2004.
  - **Southern University**, Baton Rouge, LA.  
Master of Science, Computational and Applied Mathematics, 1996.
  - **Southern University**, Baton Rouge, LA.  
Bachelor of Science, Mathematics, 1993.
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### **WORK HISTORY:**

- **Dean School of Arts & Sciences**, Langston University, 06/2016-Present
  - **Associate Dean School of Arts & Sciences**, Langston University 08/2015-06/2016
  - **Chairman Department of Mathematics**, Langston University, 08/2006-06/2016
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### **PROFESSIONAL AFFILIATIONS**

- National Council of Teachers of Mathematics
- National Association of Mathematicians
- Pi Mu Epsilon Mathematics Honor Fraternity
- Baton Area Council for Teachers of Mathematics – Vice President for Colleges (2005)

### **SERVICE TO COMMUNITY (present and past)**

- OK-INBRE Deans Council
- Board of Trustees Langston Wesley Foundation
- Board of Trustees Langston Economic Development Authority
- Integris Cancer Institute Family Advisory Board
- Board of Trustees Town of Langston City
- CAEP/NCATE NCTM National Program Reviewer (Mathematics Education)

- Oklahoma State Regents for Higher Education Course Equivalency Project
- Supplemental Instruction Mathematics Curriculum Design for Coyle Elementary and Middle/High Schools students.

## **GRANTS (PI/Co-PI, Director)**

### **2019-Present**

- **EducoSoft Supplemental Instruction Grant (\$75,000)**. Program designed to provide undergraduate mathematics students peer assisted instruction to assist them mastering content and learning and integrating study strategies and skills in historically difficult topics. Funded by EducoSoft, Inc.
- **An Intensive Summer Academy in Mathematics, Science, and Technology (\$323,020)**. Residential summer program for Oklahoma High Schools students providing experiences to improve students' appreciation for math & science curricula and careers. College preparatory course work and ACT preparation were of primary focus. Funded by Oklahoma Regents for Higher Education, NASA, & Langston Integrated Network Program (LINC).

### **2008-2021**

- **An Intensive Summer Academy in Mathematics, Science, and Technology (\$323,020)**. Residential summer program for Oklahoma High Schools students providing experiences to improve students' appreciation for math & science curricula and careers. College preparatory course work and ACT preparation were of primary focus. Funded by Oklahoma Regents for Higher Education, NASA, & Langston Integrated Network Program (LINC).

### **2008-2018**

- **Supplemental Instruction Program (\$400,000)**. Program designed to provide undergraduate mathematics and science students peer assisted instruction to assist them mastering content and learning and integrating study strategies and skills in historically difficult topics. Funded by National Science Foundation (NSF) and Oklahoma EPSCoR.
- **An Intensive Summer Academy in Mathematics, Science, and Technology (\$323,020)**. Residential summer program for Oklahoma High Schools students providing experiences to improve students' appreciation for math & science curricula and careers. College preparatory course work and ACT preparation were of primary focus. Funded by Oklahoma Regents for Higher Education, NASA, & Langston Integrated Network Program (LINC).

### **2008-2012**

- **Oklahoma EPSCoR Travel Grant (\$25,937).** Grant provides travel funding for STEM students and faculty participate in the NSF HBCU-UP National Conference and the NIS/BKX National Science Conference.
- **Graduate Records Preparation Grant (\$47,682).** Grant provides for on campus GRE Preparation Course for junior and senior level STEM students. Funded by the NSF, Oklahoma EPSCoR, and LINC.
- **2007- 2008**
  - **NCLB: Oklahoma Center for Innovation in Teaching Excellence (OCITE) (\$279,532).** Langston University, Oklahoma State University, and Tulsa Public School System partnership to enhance discipline-specific content knowledge and instructional strategies in mathematics, science, and reading. Funded by Oklahoma State Regents for Higher Education.
  - **NCLB: Improving Teacher Quality: Sustainability Engineering through Math, Science, Literacy, Technology and Problem-Based Learning (\$149,557).** The goal of the ITQ: Sustainability Engineering project is to provide teachers with content knowledge and pedagogical skills to engage students in solving authentic, multi-disciplinary problems in a relevant context. Multi-disciplinary teams of teachers (grades 5-9) will participate in a one-week summer workshop, follow-up sessions and an online professional learning community. Teacher teams will experience and develop multi-disciplinary, problem-based learning modules that correlate with PASS and incorporate into the existing K20 ALT project (<http://k20alt.k20center.org>). Funded by Oklahoma Regents for Higher Education (NCLB)
- **2006-2007**
  - **NCLB: Oklahoma Center for Innovation in Teaching Excellence (OCITE) (\$441,919).** Langston University, Oklahoma State University, Northeastern State University, and Tulsa Public School System partnership to enhance discipline-specific content knowledge and instructional strategies in mathematics, science, and reading. Funded by Oklahoma State Regents for Higher Education.

## HONORS/AWARDS

- **2013-2014 Langston University Teacher of the Year Award** highest award presented by the Office Academic Affairs to a single faculty for outstanding student instruction.
- **2013 -2014 Langston University School of Arts and Sciences Teacher of the Year Award** highest award presented by the School of Arts and Sciences to a faculty member for outstanding student instruction.
- **2013 CAEP/NCTM National Program Reviewer Certification**
- **2013 Lion Heart Award** the highest award presented to faculty for service to the general student body by LU Student Government Association.

- **Certificate of Election** presented by the Logan County Election Board to all duly elected officials in the State of Oklahoma.
  - **Alpha Phi Alpha Fraternity, Inc. Outstanding Service Award** for service as Chairman of Oklahoma State Convention.
  - **2012 Outstanding Area Director of the Year** presented to most outstanding Area Director in each state for mentoring young college men.
  - **2011 Outstanding Area Director of the Year** presented to most outstanding Area Director in each state for mentoring young college men
  - **2012 Faculty All Star Award** inaugural award presented by LU Athletic Department and LU Public Relations to individual faculty member for exceptional support of student-athletes.
  - **Golden Dragon Certificate** presented by Carver Golden Dragon Association for contributions to help underserved populations.
- **EDUCATIONAL PHILOSOPHY**  
 Education is a team effort and I understand my role and place in this education team. Educators must keep all lines of communication open and clear for all to read and understand. The breakdown of the team occurs in miscommunication, especially when change is occurring. Change is natural and must exist. The fear of change is natural and must be dealt with. Verbal and especially listening communication is the only way to combat the fear.