

**WILLIE E. TAYLOR**  
Texas Southern University Science Center  
Room 111E  
Houston, TX 77004  
Taylor\_we@tsu.edu

**PROFESSIONAL PREPARATION**

Prairie View A&M University  
Prairie View A&M University  
University of Houston

BS in Mathematics 1966  
MS in Mathematics 1967  
PhD in Mathematics 1974

**ACADEMIC AWARDS**

Research Scholar of the Year, Texas Southern University, 1991  
National Technical Association Scholar Award, Houston, TX, 1995

**APPOINTMENTS**

|                                   |                |
|-----------------------------------|----------------|
| Prairie View A&M University       | 1968 – 1979    |
| Texas A&M University at Galveston | 1979 – 1981    |
| Texas Southern University         | 1981 – present |

**Positions at Texas Southern University**

|  |                |
|--|----------------|
| Professor of Mathematics   | 1984           |
| Chairman, Department of Mathematics  | 1982 – 1986    |
| Associate Director, Houston-Louis Stokes Alliance for Minority Participation | 2002 – present |
| Graduate Faculty member, Supervised over twenty (20) Master's Thesis         |                |
| Principal Investigator, received three (3) REU awards from NSF               | 1988 – 1992    |
| Founder, L.L. Clarkson Mathematical Research Experience                      | 2009           |

**SELECTED PUBLICATIONS** (Total number of Publications = 41)

Structure of the Solution Space of Certain Linear Equations, JDE 59(1985), 229 – 242 (with G.J. Etgen and G.D. Jones)

On the Factorization of Ordinary Linear Differential Operations, TAMS 297(1986), 717 – 728 (with G.J. Etgen and G.D. Jones)

Asymptotic Behavior of Solutions of a Third Order Difference Equation Portugaliae Mathematica 44(1987), 113 – 117 (with B. Smith)

Fourth Order Difference Equations: Oscillation and Nonoscillation, Rocky Mountain Journal of Mathematics 23(1993), 781 – 795

Oscillation Properties of Nonlinear Difference Equation, Portugaliae Mathematica 52(1995), 15 – 24 (with M. Sun)

**PROFESSIONAL SOCIETIES**

Mathematical Association of America  
National Association of Mathematicians

**FOR ADDITIONAL INFORMATION:**

[http://www.math.buffalo.edu/mad/PEEPS/taylor\\_willieEjr.html](http://www.math.buffalo.edu/mad/PEEPS/taylor_willieEjr.html)