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| **Alison C. Parker****aparker@westga.edu** |
| **Education** |
|  | *Piedmont College, Demorest, GA (Paulding County Cohort)* |
| **M.A. in Education**  |  **2004** |
| Area of Concentration: Secondary ScienceCapstone: “Motivation for Science: The Effects of Perceptions and Self-Analysis on Achievement”Honors: 4.0 GPA |
| *University of Georgia, Athens, GA*  |
| **B.S. in Secondary Science Education**Area of Concentration: Secondary Science/Biology |  **1999** |
| Honors: Magna Cum Laude  |
| **Teaching Experience** |
|  | *Chapel Hill High School, Douglasville, GA* |  |
| **Science Teacher**  |  2000-2005 |
| Courses Taught : Physical Science (CP & Honors), Biology, Chemistry (CP & Honors)  & Advanced Placement Chemistry Other Duties: Science Fair Assistant Coordinator; Assistant Softball, Volleyball  & Soccer Coach  |
| *Temple High School, Temple, GA***Science Teacher 2005-2012**Courses Taught: Chemistry (CP & Honors), Advanced Placement Chemistry,  Physical Science, Physics, Forensics Other Duties: Leadership Team, Science Team Chair, Data Team Member, Science  Fair Coordinator, Science Club Sponsor *University of West Georgia, Carrollton, GA* **UTeach Master Teacher 2012-Present** Courses Taught: Step 1: Inquiry Approaches to Teaching Step 2: Inquiry-Based Lesson Design  Apprentice Teaching  Inclusive Secondary Mathematics & Science Education  |  |
| **CERTIFICATION**  |
|  | **Georgia Educator Certificate**, Level T-5  Fields: Science Grades 6-12 **2000-2020**  *Gifted In-field*  **2002**  |
|  **AP Chemistry**, College Board **Lab Safety,** Flinn Scientific |  2002 2011   |
| **AWARDS/Grants** |
| Teacher Quality Grant – Chemistry of Art **2013-present** * Collaborated with chemistry faculty to conduct a teacher development

workshops related to integrating Art with Chemistry IMPACT Grant – Improving Motivation, Performance, & Attitudes of Children & Teachers **2012-2014**  in Math & Science* Received funds to bring hands-on inquiry based math and science lessons to

K-12 students at the University of West Georgia and the local Boys and Girls Club.Teacher Quality Grant – Students and Teachers Actively Researching Science (STARS)  **2013-2014*** Collaborated with chemistry faculty to conduct a teacher development

Workshops focused on the successful implementation of Science Fair. Temple High School Teacher of the Year **2010-2011*** Voted by THS faculty in 2010 for 2011-2012 School year

Carrollton Rotary Club – Teacher of the Year **2010*** Selected to represent the Temple area

Carroll EMC Bright Ideas Grant **2009*** Received funds to initiate a Forensics program at THS

Georgia Retired Educators Association Outstanding Educator Award **2008** * Nominated by a student

Armed Forces Communications & Electronics Association Science Teaching Tools Grant **2007*** Received funds for the purchase of Vernier data collection equipment for use

in chemistry |
| **Professional Experience/Service** |
| Science Fair Workshop Leader for Douglas County Schools **2014 -2015**  UWG COE Leadership Development Program **2013-2015** Lithia Springs High School STEM Advisory Board Member **2014-Present**Clayton County Schools Science Fair Judge  **2015-2016** West Georgia Regional Science Fair Judge **2012, 2016** Lithia Springs High School Science Fair Judge **2014** Research Experience via Active Collaboration with High Schools (REACH) **2011**Collaboration with the UWG Chemistry Department to assist high school students in the development of competitive Science Fair Projects and give them access to university technology. Georgia Leadership Institute for School Improvement (GLISI) **2011**GLISI’s Framework for Leadership of School Improvement included leading Better-Seeking Teams, analyzing data, and developing action plans. THS Teacher Academy **2010-2011**Leadership Team member participation in the planning of two one-week programs for THS teachers before preplanning. Participation included team building  activities, analysis of school data, setting departmental SMART Goals, and other professional development like Standards Based Instruction, Shared Inquiry and  data analysis programs. GaDOE Summer Leadership Academy **2010** * Attended the conference at Callaway Gardens with the THS Leadership Team

to learn about the School Improvement Planning Process; included the role of  Leadership Teams, SMART Goals, and Data Teams.High School Chemistry Laboratory: A Contextual and Inquiry Based Teaching Approach **2009*** Professional Learning opportunity at the University of West Georgia by Dr. Basu-

 Dutt, Dr. G. Marshall, and Dr. Wink. A lab activity was redesigned to be inquiry  based and used in the classroom; a presentation was made about the outcome. Appalachian Regional Commission Math Science Technology Summer Institute **2009*** Program at Oak Ridge National Laboratories for students and teachers exposing

them to the projects taking place by scientists at the national level; wasa member of teacher team that collected and analyzed data with scientists in the Environmental Sciences. Learning Focused Schools Training **2007** * A member of a small team attended a workshop to represent THS;

learned about strategies including**:** Activation, Acceleration, and Summarizing**;** made a presentation to the faculty.  |