

Alexander David Tuel

Education

2010-2014	West Virginia University College of Education & Human Services Ed.D. Curriculum & Instruction; Educational Leadership
2004-2006	West Virginia University College of Education & Human Services M.A. Secondary Education
1999-2002	West Virginia University College of Arts and Sciences B.A. Psychology Graduated Cum Laude; Dean's List 2000-2002
2001	American International University, London, England

Experience

Aug. 2010-Present	<p>Director of Math, Science, and Teacher Education & Assistant Professor at Garrett College, McHenry, MD</p> <ul style="list-style-type: none"> • Work with area four-year institutions to facilitate transfer of degrees (articulation agreements) • Work with the Dean of Academic Affairs and faculty on curriculum development and assessment of learning outcomes • Designed and implemented the education program • Lead Periodic Review Committee on institutional and student assessment • Work with Dean of Student Life on judicial hearings and mentoring projects • Quality Matter (QM) Certification to help ensure quality faculty online instruction • Teach a variety of education classes including but not limited to Career Analysis in Education, Foundations of Education, and Educational Psychology • Coordinate with area K-12 institutions to assure that the teacher preparation curriculum and program meet current expectations • Provide continuing education credit opportunities for area pre-service and in-service educators • Manage seven full-faculty members and ten adjunct faculty in education and STEM related fields • Responsible for hiring part-time faculty in education and STEM related fields • Wrote and administered over \$640,000 in grant monies (please see Grant Awards below for details)
Dec. 2014-Present	<p>Education Consultant, Spider Learning, Inc., Upper St. Clair, PA</p> <ul style="list-style-type: none"> • Write interactive online based lesson plans for middle school students
Aug. 2009-Aug. 2010	<p>Site Coordinator, Central Texas College at Walter Reed Army Medical Center (WRAMC), Washington, DC</p> <ul style="list-style-type: none"> • Advised students, military and civilian, on perspective classes and career goals • Planned and implemented the curricula for Central Texas Collage at WRAMC • Designed and executed time sensitive marketing strategies to promote Central Texas College at WRAMC • Responsible for the managerial functions of Central Texas College at WRAMC including hiring, training, and evaluation of adjunct faculty, managing purchase orders and other resource requests, and maintaining records for all Central Texas College at WRAMC's students • Managed three part-time faculty
June 2009-Aug. 2009	<p>Community Development Consultant, Washington, DC</p> <ul style="list-style-type: none"> • Created a strategic plan to work with communities within the DC area in order to provide services to impoverished nations • Researched countries and nations that are in need for community development • Provided services for Human Resources including but not limited to recruitment services, interviewed job candidates, drafted employment agreements, and executed necessary training in the workplace

- Aug. 2006-Aug. 2009 **Teacher, St. Mary's High School, Colorado Springs, CO**
- Using various teaching methods, taught World History, World Geography, & American Government
 - Introduced Project Learning Tree and Project WILD into the social studies curriculum
 - Designed and executed the curriculum for World Geography and American Government which integrated numerous topics (i.e. current events, historical trends, etc.) to create a new, more interactive curriculum.
 - Synthesized complex issues into a clear and concise formats for approximately 110 students each year
- Feb. 2008-June 2009 **Contract Curriculum Consultant, Colorado Springs, CO**
- Designed outdoor education curriculum for alternative education facility
 - Crafted themes and curriculum for summer camps relating to special needs children
- June 2004-Jan. 2006 **Graduate Worker, College of Education Advising Office, Morgantown, WV**
- Counseled prospective undergraduate education majors, current undergraduate education majors, and graduate education majors creating a liaison between the student body and the university education department
 - Compiled statistical information at West Virginia University
 - Conducted outreach programs for the education advising department at West Virginia University

Publications

- **Tuel, A. D.** (2013). Who is accountable? In D. Adair Breault & R. Breault (Eds.), *Experiencing Dewey: Insights for today's classroom* (2nd ed., pp. 23-25). Indianapolis, IN: Kappa Delta PI.
- Waterson, R. A. (2012). *Civics in a digital republic: A transformative curriculum*. Center for Democracy and Citizenship Education. West Virginia University Press: Morgantown, WV. [Graduate Researcher]

Grant Awards

- Co-author of **USA Funds grants—awarded \$67,000** to implement financial literacy program, faculty/student mentor program, an early alert system, and a developmental math/English bridge program (Fall 2013-Spring 2014)
- Co-author of **Appalachian Regional Commission (ARC) STEM grant—awarded \$529,825** to obtain interactive technology to train in-service and pre-service teachers in the use of technology in the classroom. Assisted in the implementation of the new engineering lab (Fall 2012-Spring 2013)
- Maryland Higher Education Commission (MHEC); Developmental Mathematics Course Redesign Grant Program (DCMR)—project manager of \$43,320 grant to aid in the redesign of remedial mathematics courses Summer 2012-Summer 2013)
- Tucker Community Foundation—awarded to train in-service and pre-service teachers in Project Learning Tree (PLT) (Spring 2012)

Presentations

- A Photographic Experience in Community College. Presentation at the 2015 Annual Meeting of the American Educational Research Association (AERA), April 18th, 2015, Chicago, IL
- Community College: A Photographic Approach to the Educational Experience. Presentation at the 9th International Congress of Qualitative Inquiry (ICQI), May 16, 2013, University of Illinois at Urbana-Champaign
- Developmental Math Redesign. Presentation at the 3rd Annual Summit on Completion: Maryland Association of Community Colleges (MACC), December 7, 2012, Community College of Baltimore County
- Learning Organizations and Community College. Presentation at the Rocky Mountain Educational Research Association (RMERA), November 3, 2012, New Mexico State University

Review Panel

- Review panel for the SIG-Dewey Studies; 2014 Annual Meeting of the American Educational Research Association (AERA)

Professional Development

- Facilitate faculty development session on the use of interactive software to enhance teaching (On-Going)
- Facilitate development sessions on a campus wide Course-Level Outcomes Assessment Plan (On-Going)
- Disseminated the outcomes of my research to faculty and staff regarding adult students and learning (2014)

Committee Work

- Steering Committee for the Periodic Review Report (PRR) (On-Going)
- Co-chair of the Garrett College Outcomes Assessment Plan (On-Going)
- Accreditation Planning Committee (On-Going)
- Student Enrollment, Retention and Success (On-Going)
- Project Manager: Strategic Planning Committee (Fall 2012-Spring 2013)
- Co-chair of the Garrett College Integrated Planning Taskforce (Fall 2011-Fall 2012)
- First Year Experience Planning Committee (Spring 2011-Summer 2011)

Community Work

- Board member: Sacred Meadow Montessori; Accident, MD
- Board member: Children's Discover Museum of West Virginia; Morgantown, WV

Affiliations/Licenses/Certifications

- Association for the Study of Higher Education (ASHE)
- American Educational Research Association (AERA)
- The Maryland Association for Supervision and Curriculum Development (MASCD)
- Maryland Community College Learning Assessment Group (MCCLAG)
- Maryland Area Directors of Teacher Education at Community Colleges (MADTECC)
- Volunteer with the Center for Democracy and Citizenship Education at West Virginia University (CDCE)
- Quality Matters (QM) Certification
- Member of STEM Education Coalition
- Maryland teaching license
- Colorado teaching license
- Advanced Placement (AP) certification in American History
- "We The People..." certification
- GLOBE (Global Learning and Observations to Benefit the Environment) certification
- Project Learning Tree & WILD certification