

**Alex Jean-Charles**

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**EDUCATION**

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- Doctor of Philosophy** **2010**  
University of Illinois at Urbana-Champaign, Champaign, IL  
Curriculum and Instruction, with a focus on Educational Technology for Learning, Teaching, & Agency  
*Dissertation:*  
Youth Expression with Video Surveillance Technology  
*Committee:*  
Violet Harris (Chair), Bertram Bruce, Clifford Christians, Norman Denzin
- Master of Arts** **2002**  
VA Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA  
Curriculum and Instruction, with a focus on Technology Education and Instructional Technology
- Bachelor of Science** **1998**  
The City University of New York - City College of New York, New York, NY  
& New York City College of Technology, Brooklyn, NY  
Technology Education (now STEM) with a focus on Communication Systems

**PROFESSIONAL EXPERIENCE**

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- Assistant Professor of Educational Technology** **Present**  
Missouri State University, Springfield MO  
Department of Reading, Foundations, and Technology
- Develop and implement innovative instructional methods
  - Participate in departmental and college activities
  - Supervise and Advise students on Master's Research Projects and Theses
  - Courses Taught (face-to-face / Online with various LMS and Web Conferencing Software)
  - New Course Development
    - Designed new graduate course, EDT 770 – foundational understanding of networking, cloud computing, and internet safety. Learners in this course will gain an understanding of networking within a profit or nonprofit organization, using various cloud services, and types of internet attacks that an

organization may face. Students will learn how to evaluate the needs of their organization and come to terms with the vulnerabilities or breaches they could face when implementing new technologies (such as Internet of Things) and explore ways to protect their organizations online.

3(3-0).

- Re-designed new undergraduate course, EDT 520 – Technologies in a Contemporary School Setting. The course is a Project Based Learning activities in which students are required to integrate Unit Plans in ELE500 to G Suite Cloud Computing, Google Chromebook, and Google Assistant that promotes student engagement, inquiry, and higher order thinking skills

**Assistant Professor of Educational Technology & STEM**

**2010-2015**

State University of New York College at Oneonta, Oneonta, NY  
Department of Secondary Education & Educational Technology

- Develop and implement innovative instructional methods
- Participate in departmental and college activities
- Supervise and Advise students on Master's Research Projects and Theses
- Courses Taught (face-to-face / Online with various LMS and Web Conferencing Software)
- New Course Development
  - Designed and implemented new graduate research course, EDUC 656: Seminar in Graduate Study (Evaluation Research Method I) – Master's Project Proposal. The course was designed to introduce graduate students (without a classroom) in the Educational Technology Specialist program to an alternative research method needed to complete their Masters thesis. Current students in the program now have a choice to conduct their Master's Thesis either using Action Research or Evaluation Research methodology.
  - Designed and implemented new undergraduate technology integration course for Elementary Education majors.
  - Designed and implemented graduate Special Education course in Assistive Technology as an option for online cohort students or independent study.

**Graduate Assistant - Technology Coordinator / Instructional Designer**

**2003-2010**

University of Illinois at Urbana-Champaign, Urbana, IL  
Network & System Operator for Campus Information Technologies and Educational Services (CITES)

- Planned and implemented upgrades in classrooms with Integrated Teaching Systems (ITS)
- Monitored, analyzed and diagnosed CITES ITS classroom networks and servers for both internal and external operations

- Responded to the CITES ITS classrooms house call hardware and software maintenance and installation
- Coordinated resolution of service requests that require external actions or expertise
- Configured and maintained external and internal computer system imaging
- Provided training and consultation for faculty seeking to incorporate technology into their teaching and research
- Responsible for developing knowledgebase documentations for external and internal operations
- Led and supervised undergraduate Work-Study students

**Teaching Assistant - K-12 Educational Technology**

**2007-2008**

University of Illinois at Urbana-Champaign, Urbana, IL  
Curriculum and Instruction 335: Content Area Applications of Educational Technology

- Designed and developed curriculum materials for CI 335 Educational Technology for pre-service teachers
- Instructed web development and multimedia to pre-service teachers
- Maintained and monitored the CI 335 Learning Management System (Moodle)
- Maintained and monitored students web service, blog & wiki (Webquest), and podcast storages
- Provided one-on-one technical help (both software and hardware) on multiple computing platform to complete their projects

**Graduate Assistant - Tech Support**

Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA

**2000-2002**

Department of Learning Sciences and Technologies

- Performed technical work involving the installation, configuration, modification and maintenance of computer hardware, software applications and networking
- Acted as technical advisor to faculty and staff
- Troubleshoot and corrected hardware and software problems
- Provided basic support, including repairs and purchases for audio/visual equipment
- Planned and designed online database using Filemaker, Access, SQL, PostgreSQL, Coldfusion, PHP; setting up and maintaining apache, IIS, Coldfusion server, MySQL, and Frontbase server, Mac OS, and Linux

**STEM Teacher**

New School for Arts and Sciences - Bronx, NY  
Department of Math, Science, and Technology

**1999-2000**

- Designed and developed curriculum materials for classroom instruction (Math, Science, and Technology) based on New York State standards and competencies
- Instructed students in Pre-Calculus, Physical Technology, and Computer Science
- Prepared and delivered daily lessons plan for each course
- Devised a schedule for each student
- Provided academic advisement and personal counseling to students
- Coordinated an after school program in A+, network+ Certification, and C++ programming language
- Responsible for computer lab maintenance, including updating hardware and software
- Developed and maintained the school grading database

### **Math Teacher**

Talent Search After School Program - New York, NY

**1998-1999**

- Instructed students in mathematics and managed classroom
- Provided academic advisement and personal counseling to students
- Assisted students in academic subjects through one-on-one tutoring sessions

## **PUBLICATIONS**

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### **Editorship**

*International Journal of Progressive Education (IJPE)* (ISSN 1554-5210)  
North America Assistant Managing Editor

### **Book Chapters**

Jean-Charles, A. (Accepted). Security Surveillance Technology and Young Black iMales. In Huffman, S. (Ed.), *Leveraging Technology for the Improvement of School Safety and Student Wellbeing*. Pennsylvania: IGI Global.

Jean-Charles, A. (2014). New Media Technology: Tools of Expression/Repression in Communities. In Bruce, B.C. (Ed.), *Youth Community Inquiry: Using New Media for Community Building and Personal Growth*, 23-37. New York: Peter Lang Press.

### **Peer-Reviewed Articles**

Jean-Charles, A. (2018). Understanding Students of Color and Power Relations Through Social and Community Inquiry. *International Journal of Progressive Education*, 14(6), 1-17. doi:10.29329/ijpe.2018.179.1

Jean-Charles, A. (2016). Investigating the Self: Youth Expression With Video Technology. *Qualitative Inquiry/Sage Publications*, 22(8), 676-696. [qix.sagepub.com](http://qix.sagepub.com)

Jean-Charles, A. (Revising to Resubmit). Towards a Performativity Creolization Inquiry. *Qualitative Inquiry/Sage Publications*  
[qix.sagepub.com](http://qix.sagepub.com)

Jean-Charles, A. (in review). The Concept of Identity in the Context of an Emergent Post-Modern Technological Society. *Journal of Media Critiques*, 39. [www.mediacritiques.net/index.php/jmc/index](http://www.mediacritiques.net/index.php/jmc/index)

### **Peer-Reviewed Proceedings Articles**

Jean-Charles, A. (2018). Internet of Things in Education: Artificial Intelligence Voice Assistant in the Classroom. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 883-885). Chesapeake, VA: AACE.

Jean-Charles, A. (2015). Re-Designing Traditional Instructional Strategies for 21st Century Learners. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of SITE 2015--Society for Information Technology & Teacher Education International Conference* (pp. 2393-2398). Chesapeake, VA: AACE.

Jean-Charles, A. (2013). Online Courses Best Practices. Paper in the *Society for Information Technology and Teacher Education (SITE) Conference Proceedings*. New Orleans, LA.

Jean-Charles, A. (2008). CBR and CBT: A Comparative Research Study. Paper in the *Society for Information Technology and Teacher Education (SITE) Conference Proceedings*. Las Vegas, NV.

### **Other Intellectual Contributions**

Jean-Charles, A. (2018). *Study Away - Haiti (English-Creole) iPhone Apps*. Apple App Store. <https://itunes.apple.com/us/app/study-away-haiti-2/id1453237394?mt=8>

## **GRANTS and AWARDS**

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\$12,000 for the 2012 Otsego County First Robotics Team. NASA and JCPenney granted Cornell Cooperative Extension Otsego County Youth Development 4H funding for the First Robotics Competition. Dr. Alex Jean-Charles represented SUNY Oneonta in this grant.

\$5,000 for the 2012 Otsego County First Robotics Team. SUNY Oneonta Research Foundation granted Cornell Cooperative Extension Otsego County Youth Development 4H funding for the First Robotics Competition. Dr. Alex Jean-Charles represented SUNY Oneonta in this grant.

## PRESENTATIONS

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- Jean-Charles, A. (2018, May). International Congress of Qualitative Inquiry 2018, "RQDA and Text Mining (TM) package for Qualitative Research," *International Congress of Qualitative Inquiry*, Champaign, IL. .
- Jean-Charles, A. (2018, March). Internet of Things in Education: Artificial Intelligence Voice Assistant in the Classroom. Paper in the *Society for Information Technology and Teacher Education (SITE) Conference Proceeding*, Washington, DC.
- Jean-Charles, A. (2017, May). International Congress of Qualitative Inquiry 2017, "LGBTQ Community Dialogues and Educational Video Project," *International Congress of Qualitative Inquiry*, Champaign, IL.
- Jean-Charles, A. (2017, March). Critical Questions in Education Conference, "Teachers and Truth Telling Through Action Research and Care of the Self," *The Academy for Educational Studies*, New Orleans, LA.
- Jean-Charles, A. (2016) *Black Males and Violence a Foucaultian Analysis in the Critical Questions in Education*. San Antonio, TX
- Jean-Charles, A. (2015). *From Foucault to Arendt Interrogating Love, Promise, and Forgiveness*. Paper presented at the American Educational Studies Association (AESA) Conference Proceedings, San Antonio, TX
- Jean-Charles, A. (2015, March). *Re-designing Traditional Instructional Strategies for 21st Century Learners*. Society for Information and Teacher Education, Las Vegas, NV
- Jean-Charles, A. (2014, May). *The Future of IJPE*  
Congress of Qualitative Inquiry Conference (QI 2014), Urbana, IL.
- Jean-Charles, A. (2013, March). *Online Courses Best Practices:*  
Society for Information and Teacher Education, New Orleans, LA
- Jean-Charles, A. (2012, May). *Interactive Multimedia with Adobe Flash*. 20th Annual Conference on Instruction & Technology (CIT 2012). SUNY Stony Brook University, Stony Brook, NY
- Jean-Charles, A. (2011, March). *Teaching STEM for Educators*. 36th Annual Conference of the New York State African Studies Association  
SUNY Oneonta, Oneonta, NY

- Jean-Charles, A. (2011, April). *Youth Expression with Video Surveillance Technology*. Presentation given at the American Educational Research Association (AERA) Annual meeting Theme: "Inciting the Social Imagination: Education for the Public Good", New Orleans, LA.
- Jean-Charles, A. (2008, May). *Young Black Male Expression Through Video Technology*. Society for Information and Teacher Education San Diego, California
- Jean-Charles, A. (2008, May). *Young Black Males' Testimonial Experience on Surveillance Power, and Identity*. Presentation given at The Congress of Qualitative Inquiry Conference (QI 2008), Urbana, IL.
- Jean-Charles, A. (2007, May). *Conversation about Technology: A Video Presentation* Presentation given at The Congress of Qualitative Inquiry Conference (QI 2007), Urbana, IL
- Jean-Charles, A. (2007, April). *Underrepresented Youth and Violence: A Poster* Presentation given at the American Educational Research Association (AERA), Chicago, Illinois
- Jean-Charles, A. (2006, June). *Media Trap: Caribbean Identity in the Diaspora*. Conference of the Caribbean Studies Association (2006), Port of Spain, Trinidad and Tobago.
- Jean-Charles, A. (2006, March). *Technology of the Oppressed: Security Surveillance Technology, Violence, and Black Male Students in Urban Schools*. Cultural Studies Responds to Violence and Education Conference, Columbia University, NY.

## COMPUTER SKILLS

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- Extensive web application and programming skills
- Completed course and training in Microsoft ADS, Linux Professional, Server+, Mac OS X.x
- Taught High School level A+, Network+, C++
- Repair Both PC and Apple computers
- Experience in maintaining and administering school networks, personal home network, multimedia, web, and database server, which can be viewed @<http://alexjeancharles.com>
- Web and Multimedia Packages: Adobe Creative Cloud CC, Microsoft Cloud (Office 365 and Azure)
- Video production Packages: Adobe Production Studio; Avid Pro Tools; Final Cut Pro
- Client Side Scripting: HTML, CSS, JavaScript
- Server Side Scripting: Node.js, PHP, ASP.NET, ColdFusion
- Database Developer: Filemaker, Access, SQL, PostGreSQL, Coldfusion

Studio/Server, ASP.NET, PHP, Python, C++, MySQL, MS SQL, Oracle

- Proficient and fluent with the following Operating Systems : Microsoft Windows 10, Apple Mac OS 10.x, Redhat and SUSE Linux KDE x.0/GNOME x.0, Kali Linux
- Network: Apache, NT, Linux, Mac OS services and protocols
- Web Accessibility: Deque, Web Accessibility Evaluation Tool (WAVE)

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