

# James W. Johnson

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## EDUCATIONAL BACKGROUND

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<b>Indiana State University</b>	Terre Haute, Indiana	2013
	Ph.D. – Curriculum and Instruction Specialization: Educational Technology Dissertation: <i>A Comparison Study of the Use of Paper versus Digital Textbooks by Undergraduate Students</i> Graduate Certificate in Instructional Design	
<b>Ohio University</b>	Athens, Ohio	1999
	Masters of Education: Curriculum and Instruction Major: Computer Education and Technology	
<b>Muskingum University</b>	New Concord, Ohio	1997
	Bachelor of Science Major: Computer Science Minor: Mathematics, History Certification: Secondary Education	

**Indiana and Ohio Teaching Licenses:** Computer Education Grades P-12  
**Indiana State University Supervisor Certification** – Completed 2013 – Management courses in HR  
**Indiana State University Online Instructor Certification** – Completed 2013 – Intro to Quality Matters  
**Apple Certified Teacher** – January 2017

## EXPERIENCE

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<b>Morgan Local Schools</b>	McConnelsville, Ohio	5/14-present
	<i>Director of Information &amp; Educational Technology</i> Provided instructional and technical leadership for county-wide school district. Duties included setting up and maintaining desktop and mobile computers (laptops, iPads, Kindles and Chromebooks), computer labs, file servers, and district web servers running Joomla and WordPress. Also provided instructional design support for dual high school/college courses, teaching technology-infused curriculum workshops, working with local and state technology agencies and traveling to 5 district schools to provide services. Further duties included Google Apps for Education Administrator, management of four member technology team, budgeting and purchasing, grant writing, FCC E-Rate, and other state and federal programs and grants such as the OAC Straight A grant. Lead the district as testing coordinator for statewide online testing.	
<b>Indiana State University</b>	Terre Haute, Indiana	1/08-5/14
	<i>Director of Instructional &amp; Information Technology (IITS)</i> Bayh College of Education (BCOE) Responsible for managing the Instructional & Information Technology Services Department and Instructional Resource Center. Supervised graduate students and administrative assistant of the IRC and IITS offices. Created and managed Bayh College of Education web site, provided instructional and technical support services to all BCOE faculty, staff, and students. Managed budgeting and purchasing for the college as well as video and audio production studios, coordinated and provided distance education and instructional design services for the college. Served on several departmental, college and university level committees. Administered and coordinated instructional practice teaching and computer labs with university IT staff as well as network support. Managed BCOE web and file servers, served as TK20 unit assessment administrator and taught faculty, staff, and student technology workshops. Served as instructor, grant writer, researcher and technical support agent for several grants and projects.	

Adjunct Faculty

Spring 2014

- Taught RCSM-236: Foundations in Group Leadership
- Dissertation Committee Member

**Buckeye Career Center**

New Philadelphia, Ohio

12/05-12/07

*Certified Adult Education Instructor*

Taught adult education classes in Quickbooks Pro and Access 2003

**East Central Ohio**

**Educational Service Center**

New Philadelphia, Ohio

7/04-12/07

*District Technology Coordinator*

*High School Advanced Computer Science Teacher*

Provided technology leadership for Garaway Local Schools and Strasburg-Franklin Local Schools. Duties include setting up and maintaining over 750 computers, 9 computer labs, 9 Novell and Windows file servers, and district web and email servers. Also developing training materials, teaching technology workshops, working with local and state technology agencies and traveling to 6 district schools to provide services. Further duties include the creation and maintenance of each district's web site and curriculum development using technology, budgeting and purchasing, grant writing, FCC E-Rate, ONENet and other state and federal programs. Taught high school advanced computer courses in PC Repair (A+), Networking, and Operating Systems (Grades 9-12). State recognized best practice student technician program.

**Ohio University**

Athens, Ohio

1/00-7/03

*Adjunct Faculty - Zanesville Campus and Athens Campus*

Taught graduate courses. Courses taught:

EDCI 551: Technology Support

EDCI 597: Production of Instructional Materials

EDCI 696: Organization and Administration of Technology Programs

**Garaway Local Schools**

Sugarcreek, Ohio

7/99-7/04

*District Technology Coordinator*

*High School Advanced Computer Science Teacher*

Responsible for setting up and maintaining over 530 computers, six file servers, and district web and email servers. Also developed training materials, teaching technology workshops, worked with local and state technology agencies and traveling to five district schools to provide services. Further duties included the creation and maintenance of district web site and email server, and curriculum development using technology, budgeting, grant writing, E-Rate, ONENet and other state and federal programs. Taught high school advanced computer courses in PC Repair (A+), Networking, and Operating Systems (Grades 9-12)

**Ohio University**

Athens, Ohio

9/98-7/99

*Web Manager/ Lab Manager - College of Education*

Served as lab manager, technician, and web manager for the College of Education. Authored HTML, created graphics, coordinated department web pages, worked with faculty/staff on course web sites. Performed system upgrades, helped students with projects and papers and troubleshooting software and hardware.

**Ohio University**

Athens, Ohio

6/97-7/99

*Technology Coordinator*

Appalachian Rural Systemic Initiative (ARSI)

Southeast Regional Professional Development Center (SERPDC)

ARSI was a National Science Foundation grant

Provided staff development for area technology coordinators and teacher partners. Worked in cooperation with ARSI schools to expand technology and improve mathematics and science curriculum. Other duties included setting up networks and configuring software, developing training tools and sessions, teaching workshops with technology, working with local and state technology agencies and traveling to schools to provide services. Further duties included the creation and maintenance of web sites.

## PUBLICATIONS & PRESENTATIONS

**BOOK CHAPTERS:** Tinnerman, L., Johnson, J., (2010). The integration of social networking in creating collaborative partnerships in education. In E.D. Stephen D'Agustino (Ed), *Adaptation, Resistance and Access to Instructional Technologies: Assessing Future Trends in Education* Houston, TX: IGI Global

### JOURNAL

**PUBLICATIONS:** Tinnerman, L., Johnson, J., & Grimes, R., (2010). Technology assisted collaborative and project-based learning; of blogs, wikis, and networking. *i-Manager's Journal on School Educational Technology*, 6(1), 1-6

Schumaker, R., & Johnson, J., (2008). An Investigation of SVM regression to predict longshot greyhound races. *Communications of the International Information Management Association*, 8(2): 67-82

### CONFERENCE

**PUBLICATIONS:** Johnson, J. (2013). Graduate Students' Perceptions of Using Digital Textbooks. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 3923-3929). Chesapeake, VA: AACE.

Johnson, J., (2009). Symposium: Free and Open Source Software Use in Education. Vol. 22, No. 3—Summer 2009, Oct. 2009, Mid-Western Educational Research Association (MWER-2009), St. Louis MO.

Schumaker, R., & Johnson, J., (2008). An Investigation of SVM Regression to Predict Longshot Greyhound Races. 19th Annual Conference of International Information Management Association (IIMA-2008), Oct 2008. San Diego CA.

**REVIEWER:** Editor/Reviewer EdTechnology Ideas: Peer Reviewed Education Technology Journal– October 2013-December 2015  
Journal Reviewer for the Mid-Western Educational Researcher 2014-present  
Proposal Reviewer for Midwest Educational Research Association – present  
Proposal Reviewer for New England Educational Research – 2012-present

**CONFERENCES:**

- 2016 ECOESC PD Conference - *Classroom Management Using Schoology*, New Philadelphia, Ohio
- 2016 SPARCC Education Conference – *Introduction to Teaching Computer Science*, Massillon, Ohio
- 2015 SPARCC Education Conference - *Online Teaching Using VoiceThread*, Massillon, Ohio
- 2013 CampIT Conference – Invited Speaker on BYOD, Chicago, IL
- 2013 Sycamore Educator Day – *Internet Safety for Educators* – Indiana State University, Terre Haute, IN
- 2013 Indiana AdvancEd State Conference – *BYOD: How to Implement Mobile Technology in the Classroom*, Indianapolis, IN
- 2013 Campus Technology Conference- *Creating and Using Digital Textbooks in the Classroom*, Boston, MA
- 2013 Society for Information Technology and Teacher Education International Conference - *Graduate Students' Perceptions of Using Digital Textbooks* - New Orleans, LA
- 2013 eTech Ohio Technology Conference – *Creating and Using Digital Textbooks in the Classroom* - Columbus, OH
- 2012 Hoosier Educational Computer Coordinators Conference - *Creating School Web Sites Using Joomla CMS* – Workshop - Indianapolis, IN
- 2012 Sycamore Educator Day - *BYOD – How to Implement Mobile Technology in the Classroom* – Indiana State University, Terre Haute, IN
- 2012 New England Educational Research Organization Conference – *Graduate Students' Reactions to Using Digital Textbooks* – Portsmouth, NH
- 2012 Conversations on Teaching Conference – *Graduate Students' Reactions to Using Digital Textbooks* – Indiana State University, Terre Haute, IN

- 2011 Hoosier Educational Computer Coordinators Conference - *Tips and tricks for using Joomla to build your school website* – Full Day Workshop and Concurrent Session - Indianapolis, IN
- 2011 Sycamore Educator Day – *Creating and Using Digital Textbooks in the Classroom* – Indiana State University, Terre Haute, IN
- 2011 New England Educational Research Organization Conference – *Is Education Ready for Electronic Textbooks?* – New Bedford, MA
- 2011 School and College Law Conference – *National Education Technology Plan* – Indiana State University, Terre Haute, IN
- 2011 Graduate Student Research Symposium – *Graduate Student Reactions to Electronic Textbooks*, Indiana State University, Terre Haute, IN
- 2011 Mobile Technology in Education Conference – Presenter and Director of Conference – Indiana State University, Terre Haute, IN
- 2010 Open Source Software Conference – Presenter and Director of Conference – Indiana State University, Terre Haute, IN
- 2010 Sycamore Educator Day – *Internet Safety for Educators* – Indiana State University – Terre Haute, IN
- 2010 AdvancEd Conference – *Student Technician Programs* – Indianapolis, IN
- 2010 School and College Law Conference – *Internet Security Policies and Best Practices for K-12 Administrators* – Terre Haute, IN
- 2009 Blumberg Center Topics – *Assistive Technologies in Education* – Indiana State University, Terre Haute, IN
- 2009 Sycamore Educator Day – *Social Networking in Education* – Indiana State University – Terre Haute, IN
- 2009 Mid-Western Educational Research Association - *Free and Open Source Software Use in Education* – St. Louis, MO
- 2009 Wabash Valley Education Center – *Cyberbullying and Internet Safety Training*, West Lafayette, IN
- 2009 Extending Teacher Creativity Workshop – Lilly Endowment, Terre Haute, IN - Technology Consultant – Social Networking & Graphic Design
- 2008 Sycamore Educator Day – *Student Technician Programs in K-12* – Indiana State University, Terre Haute, IN
- 2008 Extending Teacher Creativity Workshop – Lilly Endowment, Terre Haute, IN - Technology Consultant – Graphic Design and Podcasting
- 2004 Ohio SchoolNet Technology Conference – *Web-Based Management of Technology*, Columbus, OH
- 2003 Ohio SchoolNet Technology Conference – *Utilizing Student Technicians*, Columbus, OH
- 2003 ETSEO TechKnow Expo – *Introducing the PocketPC*, Cambridge, OH

**SERVICE:**

- Morgan Schools Curriculum and Testing Committee May 2014-present
- Morgan Schools District College Credit Plus Committee May 2014-present
- Morgan Schools District Technology Committee – Chair – May 2014-present
- Morgan Schools ODE Straight A Grant Management Team – May 2014-present
- Morgan Schools District Leadership Team – May 2014-present
- Bayh College of Education Administrative Council, Jan 2008-May 2014
- BCOE Teaching, Learning & Technology Committee – Chair, Jan 2008- May 2014
- ISU Web Editors Committee, January 2008- May 2014
- BCOE Honor Day Committee, March 2008- May 2014
- Indiana State University Web Site Committee, April 2009- May 2014
- ISU Staff Council Grievance Committee, June 2010- May 2014
- Web Manager for Teacher Education Council of State Colleges and Universities (TECSCU) National Organization, July 2010- May 2014
- ISU Staff Council Election Committee, Chair July 2011- May 2014
- District Technology Trainer, North Gibson School Corp., August 2011- May 2014
- BCOE Unit Assessment Committee, Sept 2011- May 2014
- ISU Campus IT Professionals Council, February 2012- May 2014
- ISU Staff Council Representative, May 2012- May 2014
- Outside Evaluator, Danville Community School Corporation, Mass Customized Learning Initiative, August 2012- May 2014

BCOE Congress – September 2009-2010, Secretary  
 Web Manager for Indiana Reading Association 2009-2010  
 Web Manager for Indiana Dropout Prevention program 2010-2012  
 Web Manager for Indiana IEP Resource Center and Indiana Effective  
 Evaluation Resource Center 2010-2012  
 AdvancEd (NCA) – Quality Assurance Review Team – Hoosier Academies  
 High School, School Accreditation March 2011  
 ISU Graduate Student Association – Secretary – May 2011-June 2012  
 ISU Assessment Council – GSA Representative – Sept 2011- May 2012  
 ISU Wellness Committee Sept 2012-August 2013  
 ISU United Way Campaign Coordinator Fall 2012

**GRANTS:**

1998 **Appalachian Regional Commission** – \$12,000 for training workshops on Windows NT & Novell servers  
 1999-2007 – **FCC Universal Service Fund E-Rate Program** – Awards to date total over \$250,000 to provide discounts on local and long distance phone service, Internet Access, Internet Data Lines and cellular service  
 1999-2006 – **SchoolNet Plus Program** – Awarded over \$70,000 for classroom computer upgrades  
 2000-2007 – **ONENet Program** – Awards over \$80,000 for Internet Data Lines  
 2000 **SchoolNet Raising the Bar (TLCF)** – \$150,000 for multimedia integration into teaching and designing environmental awareness curriculum  
 2000 **SchoolNet IVDL** – Distance Learning Grant - \$65,000 for creating a video distance learning lab, teaching and offering course for other schools and virtual field trips and video communications  
 2001 **SchoolNet ASSIST** – Student Technician Program - \$8,550 to showcase best practices in developing a student technician program. Models for districts to create their own local program were developed.  
 2003 **School OETSMG** – Technology Management Grant - \$15,000 for creating a technology management solution to include asset management, helpdesk and total cost of ownership  
 2003 **Aerospace Education Foundation** – Civil Air Patrol Grant - \$250 for field trips targeted at CAP cadets expanding their aerospace education knowledge  
 2003 **Aerospace Education Foundation** – Civil Air Patrol Educator Grant - \$250 for Aerospace Week held at Garaway Local Schools. Grant targeted for teachers who are also CAP members to further aerospace education in schools  
 2004 **ACCESS Grant** – Ohio Dept. of Education Special Education Grant - \$30,000 for developing universal design curriculum units for special education students and other students to utilize instructional technology to improve their grades and test scores.  
 2006 **Library Automation Grant** \$15,000 – Ohio Library Grant to automate Strasburg Local School's library card catalog.  
 2007 **Rosenberry Foundation Grant** - \$19,900 – Miller Ave Elementary Wireless Laptop Lab project  
 2010 **State Farm** – \$15,000 – Create community resource web site for Indiana Dropout Prevention Program  
 2011 **ISU Graduate Student Association Research Grant** – \$250 – Student Reactions to Using Digital Textbooks  
 2011 **State Farm** – \$25,000 – Create community resource web site for Indiana Dropout Prevention Program  
 2012 **Indiana State University** - \$5,000 – Pilot project for distance education program for student teaching in diverse experiences.  
 2012 **Indiana Commission for Higher Education** - \$451,762 - Enhancing Disciplinary Literacy Using Technology and Assessment  
 2014 **Ohio Department of Education** – \$14,999,128 - Ohio Appalachian Collaborative Personalized Learning Network. Multi-district grant to train high school teachers to instruct college-level courses and provides students with an expanded course catalog and an opportunity to earn both high school and college credit through dual enrollment.

2015 **Ohio Department of Education** - \$565,500 – Project to create digital textbooks and resources in social studies and science for grades 1-12 for use by two school districts.

## PROFESSIONAL DEVELOPMENT

### COMPUTER SKILLS:

#### Desktop and Network Operating Systems and Management Software

- Microsoft Windows Windows 7, 8, 10
- Microsoft Windows Server
- Novell Netware Open Enterprise Server
- GroupWise (Email server)
- UNIX, SunSparc, Linux (RedHat, Ubuntu, Fedora)
- Macintosh OS X, iOS devices and Management
- LAN/WAN Networking and wiring, TCP/IP set-up, Wireless Networking
- Google Apps for Education Administrator – Mobile management of Chromebooks & Chrome boxes

#### Major Software Programs

- Microsoft Office 2000-2013, Office 365 (Word, Excel, Access, PowerPoint, Publisher)
- Google for Education (GAPE) services, Google Hangouts on Air
- Adobe Acrobat Custom Forms and Programming
- Dreamweaver Studio MX/MX 2004, FrontPage 2003, MS SharePoint & Team Site
- Paint Shop Pro, Adobe Photoshop, Google Picasa, Paint.NET
- Social Networking & CMS – Joomla, WordPress, Blogger, Skype, Twitter, EdModo, Ning
- PHP, Apache, MySQL, WAMP/LAMP, ASP
- Podcasting, Audacity, Video Production and video/audio conversions
- Open Source Software – Various Google Tools, Open Office, Quick Media Converter, etc.
- Blackboard, Schoology, Canvas and Moodle, Collaborate, Tegrity, Camtasia, video distance and online education teaching
- Mobile Devices and App Development – Android, iOS, Cisco Meraki
- YouTube, Vimeo, TeacherTube, VoiceThread, and several other online video services

## ASSOCIATIONS

- Civil Air Patrol – *United States Air Force Auxiliary*, Rank of Lt. Colonel, Squadron Commander, Deputy Commander for Cadets, Aerospace Education Officer, Public Affairs Officer, Supply Officer, Wing Director of Public Affairs, Wing Aerospace Officer, Cadet Programs Officer, Search and Rescue: Master Ground Team Certified, Ground Team Leader, Ground Branch Director, Search and Rescue Team Instructor
- Boy Scouts of America – Unit Commissioner, Den Leader, Cubmaster, Scoutmaster
- Phi Mu Alpha Sinfonia, Professional Music Fraternity, Vice President, Historian, Collegiate Province Representative, Assistant Collegiate Province Representative
- Phi Delta Kappa International
- Pi Lambda Theta
- Omicron Delta Kappa
- Lambda Sigma
- National Eagle Scout Association – Life Member
- Rotary International – Paul Harris Fellow, Centennial President 2004-2005
- Mid-Western Educational Research Association
- New England Educational Research Organization
- Nonprofit Leadership Alliance
- Wabash Valley Susan G. Komen Foundation – Grants Committee
- Amateur Radio Operator, Vigo County Emergency Services Radio Group
- Ducks Unlimited Conservation Club – Committee Member
- Morgan County Learning Center – Board member

## HONORS & AWARDS

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- Wing Commander's Commendation (twice) – Civil Air Patrol – Ohio Wing
- Civil Air Patrol Achievement Award (twice) – Group XII – Indiana Wing 2012, 2016
- 2001 & 2002 Senior Member of the Year – Civil Air Patrol Tusco Composite Squadron
- A. Scott Crossfield Aerospace Education Award – Civil Air Patrol
- Eagle Scout Award, Unit Award of Merit, Scouting Training Award, Den Leader Award, Bachelor of Commissioner Science – Boy Scouts of America
- Paul Harris Fellow – Rotary International
- Kweku Bentil Graduate Student of the Year Award – 2011
- Leadership Indiana State University Program 2012 – Campus leadership development program
- Van Til Writing Award – Department of Curriculum, Instruction & Media Technology – 2013
- Mary J. Greenlaw Memorial Scholarship – Department of Curriculum, Instruction & Media Technology – 2013

## WORKSHOPS TAUGHT (Brief)

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- Using MS Office in the Classroom
- Video Production
- Video Conferencing Software
- Classroom Management Applications
- PowerPoint for Instruction
- Creating WebQuests
- Web Site Design Basic & Advanced
- Desktop Publishing
- Electronic Portfolios in K-12 and Higher Education Settings
- Internet Safety – i.Safe Program
- Using Streaming Multimedia
- Using Chromebooks for 1:1 classrooms
- Basic PC Troubleshooting
- Using Blogs in Education
- Social Networking in Education
- CIRT Faculty Series: Social Networking in University Settings
- Cyberbullying Prevention
- iPads In Education
- Increasing Productivity with Dropbox
- Online Assessment Tools and Tips
- Creating School Web Sites Using Joomla CMS

## REFERENCES

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### **Dr. Brad Balch, Professor, Dean Emeritus**

Indiana State University

Phone: 812-237-2888

Email: brad.balch@indstate.edu

### **Dr. Susan Kiger, Professor**

Indiana State University

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Email: susan.kiger@indstate.edu

### **Dr. Larry Tinnerman, Associate Professor**

Indiana State University

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