

# Dr. Samuel BO Olatunbosun

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## EDUCATION

[Robert Morris University](#), Moon Township, PA.

**D. Sc.** Information Systems and Communications, May 2006

[The University of Bolton](#), Lancashire, UK.

**M. Sc.** Electronic Systems Engineering, May 2000

[Bournemouth University](#), Dorset and Poole, UK.

**Post Graduate Diploma** – Electronic Computer Aided Design, May 1991

[Southampton Solent University](#), UK.

**Higher National Diploma** – Electrical and Electronic Engineering, May 1985

## Research Interests

Cyber Infrastructure and Network Security, On-line education resources and Technology, Online Course Design and Curriculum, Mobile Devices Digital Forensics, Computer Security, Social Networking and Ethical Issues in Information systems.

## Academic Experience

### Norfolk State University

Associate Professor (08/16 – Present)

### Ferrum College, Ferrum, Virginia

- **Associate Professor** (08/2014 – 08/2016)
- **Assistant Professor** (8/07-08/2016)
- **Department Chair/Program Coordinator**, Computer Information Systems, CIS (Fall 2009 – 08/2016)

### University of Maryland University College, Hyattsville, Maryland

Adjunct Assistant Professor of Information Systems – On-Line (8/06 – 12/13)

### **Robert Morris University, Moon Township, Pennsylvania**

Adjunct Instructor (8/03-5/07)

### **University of Bolton, Lancashire, United Kingdom**

Graduate Teaching Assistant

### Projects and supervision:

- o S. Olatunbosun, C. Wilcox: “A case study of technological advancement in electrical motor controls.” 2009.
- o S. Olatunbosun, D. Mills: “A case study of Wireless connectivity problems on Ferrum College Campus dormitories: Framework for improving the situation.” 2009.
- o S. Olatunbosun, F. Lamont Smith Jr.: “The effects of Computer Network security breaches: A framework for prevention.” 2009.
- o S. Olatunbosun, M.J. Williams: “Developing and Maintaining Profitable Electronic

- Commerce Websites.” 2009.
- o S. Olatunbosun, M. Eggleston (Practicum Research): “Programming Language development Software Benchmarks.” 2009.
  - o S. Olatunbosun, M. Eggleston: “Levels of Productivity software and course management tools competency amongst Ferrum College Faculty and staff: A competency survey research. 2010.
  - o S. Olatunbosun, J. Leffue: “Assessing, evaluating, and redesigning a computer information systems curriculum model.” 2010.
  - o S. Olatunbosun, A. Hardy: “An exploratory study of the effectiveness of online job applications.” 2010.
  - o S. Olatunbosun, R. Prunty: “Identifying current and upcoming technologies that can be used to improve students’ learning at a small liberal arts college.” 2010.
  - o S. Olatunbosun, R. Keaton: “Analyzing the effectiveness of using specific hi-tech tools for player performance record collection during the 2009-2011 basketball season at Ferrum College.” 2010.
  - o S. Olatunbosun, J. Blake: “The emergence of mobile communication devices for use in e-commerce trading: Assessing the impact amongst the Ferrum College community.” 2011.
  - o S. Olatunbosun, G. Frith: “Common pitfalls that can be encountered with campus computing: Developing a model that can be used to prevent technical problems.” 2011.
  - o S. Olatunbosun, J. Branch: “The use of portable technologies to enhance student learning at our liberal arts College.” 2011.
  - o S. Olatunbosun, K. Crump: “Ethical issues arising from increasing use of digital devices on college campus: How technology is aiding and abetting academic dishonest practices amongst students.” 2011.
  - o S. Olatunbosun, A. Thames: “Cloud Computing Revolution: Determining how a small liberal arts College might benefit from cloud computing advances.” 2011.
  - o S. Olatunbosun, J. Boyte: “Human Computer Interaction: To what extent do campus technological infrastructures really make us productive?” 2011.
  - o S. Olatunbosun, W. Chandler: “Distributed Computing: X-Raying the potential advantages and disadvantages of distributed computing in our College environment.” 2011.
  - o S. Olatunbosun, N. Hendry: “Social Networking Revolution: The impact of Facebook, Twitter, YouTube, and MySpace on the educational development of students.” 2011.
  - o S. Olatunbosun, D. Yates: “Electronic Commerce: Assessing how much we can trust e-commerce websites with our personal information.” 2011.

## Professional Development

- Virginia Cyber Convention & Expo, Virginia Beach Convention Center, October, 2016
- Applied Cyber security Training, Massachusetts Institute of Technology, Cambridge Massachusetts, June 2016
- Applied Digital Forensics Training, Robert Morris University, Pittsburgh, PA. July 2016
- Paraben Corporation Professional Forensics Innovation Conference (PFIC), Albany, New York, September, 2016
- “*Literacy in the Digital Age: Telling the Story*”. A webinar series organized by the University of Maryland University College, Maryland. Facilitated by Kathy Shrock. July 30<sup>th</sup>, 2014.
- “*Maximizing Students’ Discussions in Desire to Learn, (D2L): Best Practices in Discussions*”. A webinar series organized by the University of Maryland University College, Maryland. Facilitated

by Kathy Shrock. July 30<sup>th</sup>, 2014. Facilitated by *Michelle Sievers*. July 23<sup>rd</sup>, 2014.

- Facilitator and Presenter, Appalachian Teachers 14<sup>th</sup> Annual Summit, Knoxville, Tennessee. Discipline Forum facilitator - *"Identifying best practices for teaching CIS/CS courses"* (Oct. 2013)
- Workshop for *curriculum development – Strategies and Methods*, Association of Computing Machinery (ACM) local chapter. Holiday Inn hotel, Knoxville, Tennessee. June 2013)
- "Effective Teaching with Desire To Learn, D2L". A course facilitated by the University of Maryland University College, UMUC. (Earned with Certificate), August 2013.
- Engaging Pedagogies for Critical Thinking (Using Technology to Enhance Classroom learning) – Presented at the ACA summit 2012, with Ferrum faculty: Helen Prien, Ed, Groth, and Natalia Smelkova. (2012)
- A model for making our colleges the truly authentic learning institution – Presented at the ACA summit, Knoxville Tennessee, (2012).
- Facilitator and Presenter. Appalachian Teachers 13<sup>th</sup> Annual Summit, ACA Abingdon, Virginia - *"Agile Course Delivery Approaches: How much could this benefit the CIS/CS disciplines."* Presented to the CIS/CS discipline forum at the ACA summit, Knoxville Tennessee (Oct, 2012).
- Participant, Faculty Development Workshop – Lees MacRee College, N.C. Theme: "The What, Why, and How of incorporating service learning into teaching." (March 2011)
- Organizer and Paper presenter, Appalachian Teachers 13<sup>th</sup> Annual Summit, ACA Abingdon, Virginia. Discipline Forum Co-facilitator - *"Identifying best practices for teaching CIS/CS courses"* (Oct, 2011)
- *ACA Institute for Teaching and Learning* – Technology track "Best uses of technology to enhance engaged learning and Integrative learning. Brevard College, (June 2011)
- Organizer and paper Presenter. Appalachian Teachers 13<sup>th</sup> Annual Summit, ACA Abingdon, Virginia. Discipline Forum facilitator - *"What does it take to engineer and re-design a new CS/CIS curriculum in a small college?"* (Oct, 2010)
- Teaching and Learning Conference: "Innovation in Instructions". Learned the challenges of Imagery in Teaching, Collaboration and performance assessments using VoiceThread, and Teaching what you don't know in your College. Elon University, (Aug 2009).
- Organizer and conference presenter. Appalachian Teachers 12<sup>th</sup> Annual Summit, ACA Abingdon, Virginia - *"Using Macromedia DreamWeaver 8 to Create and Develop your Personal Website in a Jiffy AND "Integrating Office 2007 Applications and the World Wide Web."* (Oct, 2009)
- Organizer and Paper Presenter, Appalachian Teachers 12<sup>th</sup> Annual Summit, ACA Abingdon, Virginia. Discipline Forum facilitator - *"Computer Science Curricula Compared"* (Oct. 2009)
- Mentor for newly hired teaching instructor for CIS department (Fall 2009 - Present)
- Organizer- Discipline Group, Appalachian Teachers 11<sup>th</sup> Annual Summit, ACA Abingdon, Virginia. Discipline Forum Co-facilitator - *"Enrolment Crisis in the Computer Sciences Discipline"* (Oct, 2008)
- On-line Teaching and Learning Summit, Virginia College Fund - "Creating on-line learning that makes a difference". (June 2008)
- Participated in Professor Sasha Saari's Intercultural Week Event, April 2008
- Participated in Global Citizenship Discussion/Forum, Ferrum College, 2008
- Oversees Computer Information Systems (CIS) department curriculum alignment changes
- *ACA Institute for Teaching and Learning*- Theme/Track: Pedagogy and strategies for Classroom Assessment, Critical Thinking, Quantitative Literacy, and Integrative learning. Brevard College, (June 2008)
- Attended Black Male Leadership Conference: "Minority Leadership and the Science of Management" Pittsburgh, Pennsylvania (May, 2008)
- Attended Appalachian Teachers 10<sup>th</sup> Annual Summit, ACA Abingdon, Virginia as an observer (Oct,

2007)

- Sunday school Coordinator, The Redeemed Christian Church of God, Pittsburgh, PA (2003-2007)
- Participant, Williams Dinner Conversations, Ferrum College, Fall 2007
- Attended/Participation, Regular School meetings, Ferrum College, Fall 2007 - Present
- Attendance/Participation, Regular Faculty meetings, Ferrum College, Fall 2007 - Present
- Participated in Community Partners Gathering, Ferrum College, 2007 - 2008

#### **Key Webinar Conferences:**

- *"The High-Tech Way to Better Teaching."* Presented by John Orlando, Ph.D. Magna Online Course Publications. 2718 Dryden Drive Madison, WI. (May 2014).
- *"How Can I Effectively Teach Unprepared Students?"* Presented by Kenneth L. Alford, Ph.D. and Tyler J. Griffin, Ph.D. Magna Online Course Publications. 2718 Dryden Drive Madison, WI. (May 2014).
- *"Five Strategies for Successful Faculty Development."* Presented by James Carver, Ph.D. Magna Online Course Publications. 2718 Dryden Drive Madison, WI. (May 2013).
- Robert Howard, Ph.D. - *"How to Give an Award Winning Talk: Preparing an Effective Oral Presentation"* (Nov 4, 2011).
- *"Moving Beyond the Course to the Virtual Campus: Perspectives on the Evolution of Social Web Modalities in Education."* (Oct 11, 2011).  
John Greenhoe, CFRE. *"How to Promote and Sustain Your Research Using the Elevator speech"* (Oct 30, 2011).
- Jean Andrews, M.S. - *"Supporting Windows 7"* (Sep 30, 2011).
- Tracy Dwight - ETS® Major Field Test "Planning Your Administration to Maximize Results (and Minimize Frustration)" Webinar (Sep 29, 2011).
- Principal Investigators team - *"Cutting Edge Assessment Strategies: Keys to Improve Student Writing"* (Sep 08, 2011).

#### **Community Services**

- United Way of Franklin County Voluntary Services
- Soloist and praise worship singer/choir - Faith Fellowship Church, Rocky Mount
- Volunteer services - YMCA of Franklin County (various services as needed)
- LIFT-UP fund raising and donation services to the underprivileged

#### **Awards and Honors**

- Appalachian College Association Award for Engaged Pedagogies, \$2,500 with Ferrum CTLI 2011 group
- 2010 Ferrum College Political Science Graduating Seniors - Outstanding Commitment to Student Scholarship and Success Award. (May, 2010)
- Dean's List, Southampton Solent University (1985-1987)
- Higher National Certificate, (1986)

- European Graduate Education Fund Scholarship, (1998)
- VC List, University of Bolton, (1999 – 2000)
- Fellow, School of Built Environment and Engineering, University of Bolton (2000)

## Publication and Presentation

- “Combatting Internet Crimes in Sub-Saharan Africa: A framework for developing and implementing the best practices. “, 2004. Also Presented at the Appalachian College Association Summit, Nashville, Tennessee. (2015)
- “In support of the need for computers in every classroom and the case for computer courses in college undergraduate programs.” International journal of science, commerce and humanities), 2004.
- “Engaging Pedagogies for Critical Thinking.” Presented at the Appalachian College Association Summit, Nashville, Tennessee with Ed Groth, Samuel Olatunbosun, Helen Prien, Natalia Smelkova (2012)
- “A Model for Making Our Colleges the truly Authentic Learning Institution.” Presented at the Appalachian College Association Summit, Nashville, Tennessee. (2012)
- Agile Course-Delivery Approaches: How much does this benefit the CS/CIS disciplines? Presented at the Appalachian College Association Summit, Nashville, Tennessee. (2012) – Discipline Forum.
- “Identifying best practices for teaching CIS/CS courses.” Presented at the Appalachian College Association Summit, Asheville, NC. (2011) – Discipline Forum.
- “Computer Science Curricula Compared.” Presented at the Appalachian College Association Summit, Abingdon (2010) – Discipline Forum.
- “Habits that make students more successful in the College classroom setting.” Olatunbosun, B. (2010)
- “Levels of Productivity Software and Course Management Tool Use amongst Ferrum College Faculty and Staffs: A Competency Survey.” Olatunbosun, B., (2009)
- “Enrolment Crisis in the Computer Sciences and Information science Disciplines” Presented at the Appalachian College Association Summit, Abingdon (2009) – Discipline Forum.
- “Using Macromedia Dreamweaver 8 to Create and Develop your Personal Website in a 'Jiffy'.” Presented at the Appalachian College Association Summit, Abingdon (2009)
- “Integrating Office 2007 Applications and the World Wide Web.” Appalachian College Association Institute Summit, Abingdon (2009)
- "A Comparison of Taxicab Drivers' Perception of Dispatch Technology Systems Operation on the Provision of Services in Western Pennsylvania: A case study" Olatunbosun, B. , Wood D, Skovira R.J., Grant A.J. (2006)
- “Implications of Networked Computers on Business and Campus Activities: Practices in developed countries“. A paper presented at the Society of Nigerian Engineers Conference, University of Lagos, Nigeria. Olatunbosun, B., Sept. (2004)
- “Practical Applications and Potentials of Artificial Intelligence.” A paper presented at the Society of Nigerian Engineers Conference, University of Lagos, Nigeria. Olatunbosun, B., Adebisi, K. Sept. (2003)

- “Benchmarking Windows Based Internet Web Servers, A comparative evaluation.” Olatunbosun, B. O. , Edwin Keen, U.K. (1999)
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## **Industrial Experience**

**2001 – 2003 Senior Test Engineer** - Bombardier Transportation Pittsburgh, PA. USA

**1996 – 1997 IT Support Engineer** - Datatrak Systems London, England

**1991 – 1996 Systems Engineer** - Microwise Technologies Lagos, Nigeria

**1990 – 1986 Intern Engineer** - Nautech Electronics Portsmouth, UK

## **Professional Affiliations**

- Institution of Engineering and technology, IET member, (2009 – Present)
- Association for Information Systems, (AIS), Member, 2007 - Present
- Institution of Electrical and Electronic Engineers, IEEE, Member (2006 - Present)
- Association for Computing Machinery, ACM, Member (2008 - Present)
- International Association for Computer Information Systems (IACIS), Member, (2008 – Present)