JANIS ROSE

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PROFESSIONAL EXPERIENCE

- Instructor, Computer Science Department, University of Illinois Springfield, 2001 - present
- Instructor, Capital Area Career Center, 2001 – present
- Owner of the Internet Studio, Springfield IL 1996 – 2005
- Director of Education and Business Development at CenCom, 1994 – 96
- Instructor, Illinois College, Springfield, IL, 1985 - 89
- Instructor, Lincoln Land Community College, Springfield, IL, 1983 - 85

EDUCATION

- Graduate Certificate in Data Assurance
  University of Illinois Springfield, Springfield, Illinois 2006
- ABD, Curriculum & Instruction
  Illinois State University, Normal, Illinois 1984
- MA, Spanish & Technology Communication
  Instituto Technologico y de Estudios Superiores, Monterrey, Mexico 1974
  Summa Cum Laude
- BA, Education & Foreign Language
  John Carroll University, Cleveland, Ohio 1970
  Magna Cum Laude

CERTIFICATIONS

- Cisco CCENT
- Cisco CCNA
- CompTia Security+
- Cisco CCAI
- Microsoft MCP

PRESENTATIONS AND PUBLICATIONS

- "Pod Slurping: A New Hacking Technique", Panel presented at InfraGard National Conference, August 2006, Washington D.C.
- "Data Assurance Security Tools Resource Kit for Teachers."(Published Online), May 2006.
- "The Award Factor", InfraGard National Congress, September 2007, National SVTC, Washington DC.
- "New Value for Computer Science in the Courtroom: Substantiating Facts with Digital Records." Presented at the 2007 Technology Summit, Illinois Council of Community College Administrators, October 2007, Bloomington, Illinois.
- "Leaking Led Zeppelin and Other Secrets", *Information Systems Security Journal*, March 2008.
- "The Hidden Cost of Free", *The ISSA Journal*, April 2008.

- "It's a Matter of Excellence", Presented at the 2008 Fourth Annual US-CERT G-First National Conference, InfraGard Congress Session, Orlando Florida
- "The State of Network Intrusions in the USA." Presented at the 2009 National Congress of the FBI InfraGard, National SVTC, Washington DC, October 14 2009. (SVTC is the Secure Video Teleconferencing System operated by the Federal Bureau of Investigation and used to secure encrypted communications for the exchange of sensitive information.)
- "CLI Classroom: Blended Distance Learning Model." Presented at the 2009 Regional Conference of the Cisco Networking Academy, Orlando Florida, June 23 2009.
- "CCI Classroom: Creating a Worldwide Mentor Program for Blended Distance Learning Teachers." Presented at the 2009 Regional Conference of the Cisco Networking Academy, Denver Colorado, July 14 2009.
- "Moodle Safe and Sound." Presented at the 2010 Illinois Association of Career and Technical Education Annual Conference, Springfield Illinois, June 14 2010 with Debra Antoine.
- "Blended Distance Learning: Achieving Good Results." Presented at the 2010 Annual Conference of the Cisco Networking Academy, Jacksonville, Florida, June 28, 2010.
- "BDL: Embrace the Benefits, Confront the Risks." Presented at Cisco's Virtual Academy Conference, July 14 2010.
- "The State of Security in Illinois." Presented at the 2010 Annual InfraGard Congress, GFirst Conference, Austin, Texas, August 14, 2010.
- "Close Encounters of the Social Web Scene." Presented at the 2011 Annual Cisco Networking Academy National Conference, San Jose, CA June 28, 2011.
- "And the Devil Has a Dell." Illinois State University Connections Conference, St Charles, IL, June 2011.
- "IACTE Regional Conference - On the Internet: Safe and Sound, Bloomington, IL, February 2011.
- "Protecting Personal Information in CyberSpace." Presented at the 2012 Annual Cisco Networking Academy National Conference, San Jose, CA June 2012.
- "Sharing CyberSpace with Three Friends and Three Million Others." Presented at the Southern Illinois University Summer Academy of Illinois Educators, July 2012.
- "Stop Think Connect Cyber Citizen Forum." Presented at the Cyber Citizen Forum, UIS in conjunction with the Department of Homeland Security, Springfield IL, September 2011.
- "Protecting Personal Information in CyberSpace: Classroom Activities You Can Use" Illinois Technology Education Conference, Normal, IL, Oct 28 2011.
- "Online Privacy: Sharing CyberSpace with Three Friends and Three Million Others." Presented at Carl Sandburg College, Galesburg Illinois, March 2012.
- "Protecting Personal Information in CyberSpace 2: Classroom Activities You Can Use." Illinois State University Connections Conference, Pheasant Run, St. Charles Illinois, March 14 2012.
- "Don't Walk the Web Without Watson." Presented at the Regional Office of Education, Springfield IL, April 2013.
- "Who's Following You Online, How and Why." Presented at the Illinois State University Connections Conference, St. Charles IL, March 2012.
- "Smart Learning with Smart Devices." Presented at the 2013 Annual Cisco Networking Academy National Conference, San Jose CA, July 2013.
- "The Flipped Classroom." Presented at the 2013 Annual Cisco Networking Academy National Conference, San Jose CA, July 2013
- "Your Digital Footprint: Who's Watching You, How and Why." Presented at Illinois Association of Career & Technical Education, Bloomington IL, February 2014.

- "Smart Learning with Smart Devices. " Presented at Illinois Association of Career & Technical Education, Bloomington IL, February 2014.
- "Smart Learning with Smart Devices." Presented at Summer Academy for Illinois Educators, Springfield Il, June 2014.
- "Your Digital Footprint." Presented at the 2014 Illinois Association of Administrative Professionals National Conference, Springfield IL, June 2014.
- "Your Digital Footprint." Presented at the Central Region Meeting of the Illinois Association of Administrative Professionals National Conference, Normal, IL, October 2014.
- "Smart Learning with Smart Devices." Presented at the Annual Conference of the Illinois Business Educators Association, Normal IL, November 2014.
- "Your Digital Footprint." Presented at the Annual Conference of the Illinois Business Educators Association, Normal IL. November 2014.

ACTIVITIES AND AWARDS
- Taught the first class delivered over the Internet, 'Understanding the Internet: from Email to Veronica' for CenCom, 1994
- Commentator and Reviewer of National Infrastructure Protection Plan (NIPP) – Homeland Security National Project, February, 2006.
- Contributing Member, Information Systems Security Association (ISSA) Curriculum Development. "Ethics Training for Computing Professionals in a Global Arena"
- Webmaster, InfraGard Illinois (www.InfraGard-Illinois.org) 2001 - 2008
- Transmission, Secure Protection, and Storage of Critical Digital Databases during Hurricane Katrina and subsequent period of devastation.
- Advisory Board Member, Kelly School of Business (Indiana University) and Cisco Networking Academy Evaluation Project
- Member, International Ethics Committee, Information Systems Security Association (ISSA International Ethics)
- Member, Information Systems Security Association (ISSA)
- Member, Center for Secure Systems and Information Assurance (CSSIA)
- Certified CPR by American Red Cross & Certified AED by American Red Cross
- Participant in Community Emergency Response Team Training: Aviation Incident
- Recipient of Cisco 4-R (Rigor, Relevance, Relationships, and Results) Award, National Instructor's Award, Presented at National Conference , Cleveland, Ohio 2007
- Served as Secretary on the Board of the International Ethics Committee, ISSA 2007 - 2008
- Member of the National Ethics Committee, InfraGard 2004 - present
- President, InfraGard Illinois (initiative of the FBI, subject matter experts formed to address cyber threats to our nation's critical infrastructures) 2001 – present
- Member, various InfraGard regional and national committees, 2003 - present
- Instructor, Mentor and Team Lead for the following student activities which resulted in awards:
    - NetRiders Competition 2010 Collegiate Level - UIS Team placed 4th in North America, 2010

- - NetRiders Competition 2011 High School Level - CACC Team placed 6 of top 10 students in the state of Illinois, 2011
  - 1st place Student National Recipient in Networking at Skills USA Competition 2006 and 2008
- National InfraGard Award, 'Meeting the Challenge' for Statewide CCEE Conference, 2011
- Recognition Award from the Federal Bureau of Investigation recognizing outstanding efforts in protecting State of Illinois infrastructures. Presented by SAC David A. Ford. July 2011
- Graduate of FBI Citizens' Academy, November 2012
- National Commendation Award from the Federal Bureau of Investigation. Awarded by FBI Director Robert Mueller for Distinguished Service to the Nation in protecting our critical infrstructures. March 2013.
- Recipient of Ties-That-Bind Award for national leadership in infrastructure security, Aug 2013
- Meeting with the Director of the FBI, James Comey, Springfield IL, August 2014.
- Second meeting with the Director of the FBI, James Comey, Washington DC, September 2014.

CONFERENCE LEADERSHIP
- Chair, Cyber Defense and Disaster Recovery Conference, 2006-2015. Sole responsibility for planning and executing the conference, including identifying and arranging for speakers.
  - 2006 Emerging Digital Threats
  - 2007 Preparing for a Pandemic
  - 2008 Protecting Infrastructure Assets
  - 2009 Keeping Secrets Safe
  - 2010 Protecting Your Business from International Threats
  - 2011 Securing the Human
  - 2012 Evolution of Technology's Societal Impact
  - 2013 Mobile Security
  - 2014 Distributed Storage and The Cloud
  - 2015 Public/Private Partnerships in Protecting the Homeland Cyberspace
- Chair, 2008 Security is Good Business, Springfield, IL (Statewide Conference)
- Chair, 2010 Illinois Cyber Defense Exercise, Springfield, IL (Statewide Conference)
- Coordinator, Illinois Critical Sector Nexus (Electric and Power Production), Champaign, UI Campus 2010 (funded in part by $5000 grant applied for and obtained from Dept of Homeland Security)
- Chair, 2011 Illinois Digital Forensics Challenge, Springfield, IL (Statewide Competition)
- Chair, 2012 Illinois Digital Forensics Challenge, Springfield, IL (Statewide Competition)
- Chair, 2013 Illinois Digital Forensics Challenge, Springfield, IL (Statewide Competition)
- Chair, 2014 Illinois Digital Forensics Challenge, Springfield, IL (Statewide Competition)

TOPICS TAUGHT

- Cisco Networking Essentials
- Cisco Enterprise Routing with WANs
- Cisco Switching and Routing Implementation and Troubleshooting
- Cisco Home Office and Small Business Networking with LANs
- Cisco Security
- Ethics for Computing Professionals
- Firewall Implementation
- Internet Technologies
- Network Security and Data Assurance
- Online Teaching with Ethics
- Security and Social Websites
- Intrusion Detection
- Network Security and Ethics