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## EDUCATION

**Auburn University, MBA.** Emphasis: Management Information Systems.  
President, Graduate Student Association (GSA). Student member, Graduate Faculty Committee.  
Vice-president, Association of Graduate Business Students.  
**Clemson University, BA High Honors.** Kappa Delta Pi Honor Society.

## EXPERIENCE

**Parker Intellectual Property Enterprises, LLC, Earlsville, VA** **2011-present**

*Co-owner/Business Manager*

- Manages business affairs and communications.
- Liaises with licensees.
- Develops and implements budget.
- Manages business development.
- Conducts contract negotiations.

**International Safety Center, Orlando, FL** **2014-present**

*Chief Information Officer*

- Provides technological guidance within the Center.
- Supervises information system and communications network.
- Developed and implemented a customer service platform to serve the organization.
- Assesses and anticipates technology projects and recommends appropriate action and resources.
- Proposes hardware/software solutions to accomplish the Center's business objectives.
- Manages the EPINet database.
- Provides training as necessary to meet the Center's objectives.

**International Healthcare Worker Safety Center, University of Virginia, Charlottesville, VA**

Department of Medicine

*EPINet™ Database Manager* **2000-2014**

- Re-designed and enhanced Exposure Prevention Information Network (EPINet™) from DOS to Microsoft Access application for use as national and international data collection tool. Updated the original 1992 version as well as customized versions for Operating Rooms and Dialysis Centers. Supervised programming of all versions.
- Wrote EPINet end-user manuals and network administrator manuals (45 and 46 pages respectively).
- Expanded program distribution from 5 countries in 3 languages to 94 countries in 24 languages. Customized as needed while insuring consistency and compatibility among all translations by collaborating with physicians and other medical personnel, representatives from Ministries of Health, employees of the World Health Organization (WHO), Pan American Health Organization (PAHO), Centers for Disease Control (CDC), National Institute for Occupational Safety and Health (NIOSH) and Becton Dickinson (BD).
- Provided technical support to users worldwide via telephone and email.
- Conducted individual and group training classes in the US and 12 sites abroad.
- Presented EPINet at conferences -- 17 countries and various cities within the US.
- Trained international groups coming to our Center.

- Generated annual Needlestick & Sharp Object Injury and Blood and Body Fluid Exposure rates used throughout the US.
- Co-developed African Healthcare Worker Survey for use in Zambia. Generalized survey for use in developing countries worldwide based on requests from WHO and PAHO. The survey has been translated into French and Spanish. Supervised programming in Microsoft Access.
- Co-designed data collection surveys for Blood Exposures among Surgeons and among Anesthesiologists for use in Africa, the Middle East, and the US.
- Submitted articles published by the Center and provide supporting data for articles and research.

**State Farm Mutual Automobile Insurance Co.,** Regional Office, Charlottesville, VA

Life and Health,

*Health Claim Examiner*

**1998-1999**

- Authorized pay and deny decisions for disability income and waiver of premium claims.
- Approved/investigated questionable health claims referred by claim processors.
- Passed International Claims Association Exam on medical and dental aspects of claims, with Honors-96%; passed Medical Vocabulary and Anatomy exams with 100% and 98% respectively.

**Bartow-Frank-Durbin Volunteer Fire & Rescue Company,** Durbin, WV

*EMT-Paramedic*

**1991-1997**

- Provided EMS service in remote area of West Virginia as a national and state registered EMT-Paramedic. Held certifications in ACLS, BTLs, PALS, EMS for Kids, and CPR.
- Developed volunteer training database; set up and provided squad EMS service data to Center for Rural Emergency Medical Services using *AIM* software.
- Organized the Durbin Fire and EMS School, annual two-day event providing fire and EMS instruction, meals, lodging, and entertainment for squad members in a tri-county area.
- Organized and taught CPR and EMS training classes.

**Decision Analysis Corporation of Virginia,** Vienna, VA

*Associate Analyst*

**1989-1990**

- Supported and ran scenarios on national energy forecasting models using *Lotus 1-2-3*, in Washington, DC, for the US Department of Energy.
- Wrote end-user manual distributed with the energy forecasting models.
- Conducted financial analysis of natural gas availability and energy cost on military bases for the US Department of Defense.

**Centerior Energy/Cleveland Electric Illuminating (CEI),** Independence/Cleveland, OH

Department of Rates and Forecasting

*Associate Forecast Analyst*

**1985-1988**

- Used *SAS* to develop long and short term electricity sales and economic forecasts.
- Coordinated with Marketing to conduct residential sector end-use energy survey. Used results to develop corroborating CEI residential energy sales forecast model.
- Used *FORTRAN* when serving as data analyst on team that produced the first consolidated financial reports for the merger between CEI and Toledo Edison to form Centerior Energy. Following the merger, collected information and responded to Goldman-Sachs inquiries to determine Centerior's investment rating.
- Conducted energy rate and stock dividend scenario analyses for the rate case, using *EMA*, to maximize profit projections when incorporating the Perry Nuclear Power Plant into the rate base.
- Developed, using *SAS* and *CList*, a sales forecasting modeling system with scenario capabilities for the CEI commercial, residential, and industrial sectors. Trained and supervised others in its use.

Department of Information Technology

*Systems Analyst*

**1984-1985**

- Using *PACBASE*, *COBOL*, and input from coal-fueled power plant personnel and management, analyzed and designed two subsystems of Fossil Plant Maintenance Information System. These were the first two subsystems implemented in the plants.

**Auburn University Graduate School**, Auburn University, AL  
School of Business

*Graduate Teaching Assistantships*

**1980-1983**

- Lab Assistant: Computer operator for quantitative methods classes. Provided Help Desk services for undergraduate students in business modeling classes using General Purpose Simulation Systems (*GPSS*) and Linear Programming (*LinPro*) software.
- Lab Instructor: Taught undergraduate computer labs and provided Help Desk functions in *BASIC* programming.
- Research Assistant: Compiled published research in goal setting, goal difficulty, and rewards on task performance in a corporate environment.

**PATENTS and PUBLICATIONS**

*Method for Establishing Sua Sponte Large-Scale Person-to-Person Emergency Electronic Messaging Communications Based in Part on Subscriber Telephone Numbers.* US Patent US 8,358,751, Jan 22, 2013.

*Sua Sponte Establishment of Large-Scale Person-to-Person Emergency Electronic Messaging Communications Based in part on Subscriber Telephone Numbers.* US Patent US 9,246,870, Jan 26, 2016.

*Issues in understanding the impact of the Needlestick Safety and Prevention Act on hospital sharps injuries.* Phillips E, Conaway M, Parker G, Perry J, Jagger J. *Infection Control and Hospital Epidemiology*, 2013;34(9):935-939.

*Reducing sharps injuries in nonhospital settings.* Handelman E, Perry J, Parker G. *American Nurse Today*, 2012 Sept;7(9):7-9.

*Chinks in the armor: Activation patterns of hollow-bore safety engineered sharp devices.* Black L, Parker G, Jagger J. *Infection Control and Hospital Epidemiology*, 2012;33(8):842-844. [Epub ahead of print <http://www.jstor.org/stable/infecntospepid>. ahead-of-print]

*Risk of bloodborne pathogen exposure among Zambian healthcare workers.* Phillips E, Simwale O, Chung M, Parker G, Perry J, Jagger J. *Journal of Infection and Public Health* (2012), doi:10.1016/j.jiph.2012.02.005.

*Nursing 2011 survey results: Blood exposure risk during peripheral I.V. catheter insertion and removal.* Jagger J, Perry J, Parker G, Phillips EK. *Nursing*. 2011 Dec;41(12):45-49.

*Disposal of sharps medical waste in the United States: Impact of recommendations and regulations, 1987-2007.* Perry J, Jagger J, Parker G, Phillips EK, Gomaa A. *American Journal of Infection Control*. 2012 May;40(4):354-8. Epub 2011 Aug 6.

*Blood exposure risk during peripheral I.V. catheter insertion and removal.* Jagger J, Perry J, Parker G, Phillips EK. *Nursing*. 2011 May;41(5):25-26.

*Increase in sharps injuries in surgical settings versus nonsurgical setting after passage of national needlestick legislation.* Jagger J, Buerger R, Phillips EK, Parker G, Gomaa AE. *Journal of the American College of Surgeons*. Apr 2011;210(4):496-502.

Favorite Recipes from Family and Friends. November 24, 2009. [Privately published].

*Statistically, your risk of HCV infection has dropped.* Perry J, Jagger J, Parker G. *Nursing* 2003 2003; 33(6):82.

*EPINet report: 2003 percutaneous injury rates.* Perry J, Parker G, Jagger J. *Advances in Exposure Prevention*. 2005;7(4):42-43.

*Needlestick injuries: a paramedic's perspective.* Parker G. *Emergency Medical Services: Journal of Emergency Care, Rescue and Transportation* 2003 (Sept.);32(9):132-133.

*Nurses and needlesticks, then and now.* Perry J, Jagger J, and Parker G. *Nursing*. 2003 Apr;33(4):22.

*Lab workers: small group, big risk.* Jagger J, Perry J, Parker G. *Nursing*. 2003 Jan;33(1):72.

*2001 Percutaneous Injury Rates.* Perry J, Parker G, Jagger J. *Adv Exposure Prev* 2003; 6(3):32-36.

*Safety matters: Comparing U.S., Japanese systems in effective infection control.* Jagger J, Parker G, Perry J. *Healthcare Purchasing News*. 2002;26(5):46-48.

*Percutaneous Injuries and Blood Exposures in Emergency Department Settings.* Perry J, Jagger J, Parker G. *Adv Exposure Prev* 2002; 6(2):19-22.

*EPINet report: 1999 percutaneous injury rates.* Parker G, Perry J, Jagger J. *Advances in Exposure Prevention.* 2002; 6(1):7-8.

*Percutaneous injuries in home healthcare settings.* Perry J, Parker G, Jagger J. *Home Healthcare Nurse.* 2001;19(6):342-344.

*Reducing sharps injuries in dialysis settings.* Jagger J, Parker G, Perry J. *Nursing* 2001; 31(6):78.

*Drawing venous blood with syringes: a risky use of injection equipment.* Jagger J, Parker G. *Advances in Exposure Prevention.* 2000; 5(3): 27-28, 34-35.

## **PRESENTATIONS, CONFERENCES, and TRAINING**

(\* indicates invited speaker)

### **2011**

*EPINet training\** at the South East Europe Workplace Academy 2011. Zagreb, Croatia; June 27-July 2, 2011. (included "Train the Trainer" program at a post-conference workshop.) Co-sponsored by World Health Organization-Eastern Mediterranean Regional Office (WHO-ERO), Centers for Disease Control-National Institute for Occupational Safety and Health (CDC-NIOSH), International Labor Organization (ILO) Ministry of Health and Social Welfare Republic of Croatia, and University of Zagreb.

*How far have we really come?\** PHTS "Back to Basics" Webinar Series: Needlestick and Sharps Injury Prevention. April 14, 2011.

*EPINet training\** at the 4th Persian Gulf Occupational Health Forum: "Toward Sustainable Occupational Health and Safety." Kuwait City, Kuwait; April 5-7, 2011. (included "Train the Trainer" program at a post-conference workshop.) Co-sponsored by WHO-EMRO, CDC-NIOSH, and Kuwaiti governmental agencies.

### **2010**

*Sharps Introduction and Review for China.* \* BD Headquarters. Franklin Lakes, NJ. November 29, 2010.

*Sharps Injury Surveillance: Past, Present, Future.* \* 10<sup>th</sup> Anniversary of the needlestick safety and prevention act: Mapping progress, charting a future. Funded by CDC-NIOSH. Charlottesville, VA, November 5-6, 2010.

*EPINet training workshop\** at the 2010 National Evaluation and Training Meeting of the "Preventing Occupational Transmission of Bloodborne Pathogens in Healthcare Workers" project. Co-sponsored by World Health Organization-Pan American Health Organization (WHO-PAHO), CDC-NIOSH, and Peruvian governmental agencies. Lima, Peru; September 13-17, 2010.

*EPINet: the Global Experience of Implementation as a Tool: Standardized Exposure Record of Biological Risk.* \* International conference on Bio-safety: Road to Safety. Sponsored by BD. Bogotá, Colombia; August 12, 2010.

*EPINet training workshops\** in Egypt:

- Protecting Health Care Workers, Preventing Needlestick Injuries and Occupational Bloodborne Pathogens Exposure: EPINet Surveillance System Regional Planning Workshop and Training of Trainers. Sponsored by Cairo University Hospitals in cooperation with the WHO-EMRO, International Labor Organization (ILO), and CDC-NIOSH. Cairo, Egypt; July 12-14, 2010.

- Protecting Health Care Workers, Preventing Needlestick Injuries and Occupational Bloodborne Pathogens Exposure: EPINet Surveillance System. Sponsored by Alexandria University Hospitals. Alexandria, Egypt; July 17-18, 2010.

*EPINet training workshop\** at Second Regional Encounter for Latin America and the Caribbean on Protection of Healthcare Workers. Co-sponsored by WHO-PAHO and CDC-NIOSH and Colombian Ministry of Health and Social Protection. Bogotá, Columbia; April 26-29, 2010.

**2009**

*EPINet training*\* sponsored by BD and supported by MetroSalud.

- December 1-2, 2009: Medellin, Colombia.

- December 3-4, 2009: Bogotá, Colombia.

*EPINet Sharps Injuries Surveillance: Introduction and EPINet Training*. \* First Regional Meeting for Latin America and the Caribbean on Health Protection for Healthcare Workers. Meeting co-sponsored by WHO-PAHO, and CDC-NIOSH, in collaboration with the Instituto de Altos Estudios de Salud "Dr. Arnaldo Gabaldon," Venezuelan Ministry of Health. Maracay, Venezuela; September 22-24, 2009.

*EPINet training workshop*. \* Occupational Safety Center for Healthcare Workers, Biamba Marie Mutombo Hospital. Sponsored by Dikembe Mutombo Foundation. Kinshasa, Democratic Republic of Congo; August 19-21, 2009.

*EPINet training*\* at Regional Planning Workshop and Training of Trainers: Preventing Needlestick Injuries and Occupational Bloodborne Pathogen Exposures; EPINet Surveillance Program Sponsored by WHO-EMRO, CDC-NIOSH, ILO, Kingdom of Saudi Arabia governmental agencies, and King Saud Bin Abdulaziz University for Health Sciences. Riyadh, Saudi Arabia; August 15-18, 2009.

**2008**

*Using EPINet for Surveillance in a Network*,\* and *On-site Hospital EPINet training*. \* Florida Hospital System. Sponsored by BD. Orlando, FL; April 3-4, 2008.

**2007**

*Safety-Engineered Devices*\* and *Tracking of Occupational Injuries in Healthcare Using the EPINet System*. \* Open Health Institute; 7th OHI Summer School. Sponsored by OHI and BD. Moscow, Russia; July 10-14, 2007.

**2006**

WHO Safe Injection Global Network (SIGN) Annual Meeting, Mexico City, Mexico; October 23-25, 2006 [participant].

*EPINet Surveillance*. \* Fall Conference, Virginia Chapter of the Association of Occupational Health Professionals in Healthcare. Fishersville, Virginia; Sept. 28, 2006.

*EPINet Surveillance in Africa*. John Snow, Inc. Washington, DC; August 30, 2006.

World Health Day celebration. Sponsored by PAHO. Washington, D.C.; April 5, 2006 [participant].

*EPINet and its use in Africa to reduce the spread of HIV/AIDS*. Chemonics, Inc. Washington, DC; March 1, 2006.

**2005**

*EPINet in Africa*. PEPFAR Injection Safety Partners Meeting, University Research Co., LLC. Bethesda, MD; February 22, 2005.

*Emerging Markets: EPINet*. \* Presentation at BD Worldwide Meeting - Immunization & Curative Safety. Whippany, NJ; February 17, 2005.

**2004**

*Surveillance Under the Microscope*. \* (Conference) and *EPINet: Getting the Most from EPINet Data*. \* (Breakfast Workshop) Australian Infection Control Association 3<sup>rd</sup> Biennial Conference. Hobart, Tasmania, Australia; June 9-11, 2004.

*An Update on EPINet Surveillance from a Worldwide Perspective*\* and *The National EPINet Surveillance Project-Future Plans*. \* EPINet User's Group meeting for Australian Infection Control Association Conference. Sydney, NSW, Australia; June 7-8, 2004.

**2003**

*Introduction to EPINet.*\* Conference on EPINet protocol (organized by BD, with nurses and physicians from across Mexico attending). Mexico City, México; December 11-12, 2003.

*Understanding and Promoting Access/EPINet.*\* (overview of and training on Access/EPINet for BD Europe personnel) Le Pont de Claix (Grenoble), France; October 28-30, 2003.

*Getting the Most from EPINet-How to Generate and Interpret EPINet Reports.*\* 2003 Safety Leadership Conference, United Hospital Center, Stonewall Jackson Resort, Weston, WV; September 15-16, 2003.

*EPINet for South Africa: An Introduction to EPINet.*\* (sponsored by BD.)  
-Johannesburg, South Africa; September 6-7, 2003.

-Pretoria, South Africa; September 8, 2003.  
-Durban, South Africa; September 9-10, 2003.  
-Cape Town, South Africa; September 11-12, 2003.

EPINet demonstrations at BD booth; APIC 30th Annual Educational Conference and International Meeting. San Antonio, Texas; June 8-10, 2003.

*EPINet Customization Review.* Brussels, Belgium; Sponsored by BD. March 31-April 2, 2003.

*The New EPINet Coming to Australia: Overview and user input.*\* EPINet Proceeding Forward-Focus Group Meetings. Sponsored by BD.

- Melbourne, Victoria, Australia; February 24-26, 2003.  
- Sydney, NSW, Australia; February 27-28, 2003.

**2002**

*EPINet Symposium- Translating EPINet for Belgium.*\* Scientific Institute of Public Health meeting, Erembodegem/Aalst, Belgium; Sponsored by BD. November 7-8, 2002.

*EPINet-Finland: What and How.*\* Helsinki University Central Hospital, Helsinki, Finland; Sponsored by BD. November 6, 2002.

*EPINet for Surveillance and Safety: Translating EPINet for Sweden.*\* Stockholm, Sweden; Sponsored by BD. November 3-5, 2003.

*EPINet in Central and South America: An overview\** and *training of Access/EPINet-Uruguay.*\* BD offices, Franklin Lakes, NJ; August 27, 2002.

EPINet demonstrations at BD booth; APIC 29th Annual Educational Conference and International Meeting Nashville, TN; May 19-22, 2002.

*What's Different about the New EPINet?\** 1<sup>st</sup> Annual Canadian Needlestick Surveillance Network Meeting and Training workshop. Sponsored by Bloodborne Pathogens/Nosocomial and Occupational Infections Division, Centre for Infectious Disease Prevention and Control, Health Canada, Ottawa, Canada; February 24-27, 2002.

**2001**

*Generating and Interpreting EPINet Reports.*\* PHTS Risk Managers Conference, Columbia, SC; Sponsored by Palmetto Hospital Trust Services. October 28-30, 2001.

EPINet demonstrations at BD booth; APIC 28th Annual Educational Conference and International Meeting Seattle, Washington; June 10-12, 2001.

*Access EPINet.*\* South Richmond-Infection Control Nurses. Health South Medical Center, Richmond, VA; May 18, 2001.

*Using EPINet to Track Occupational Exposures.*\* with Wendy Gallart of BD. Sharps Injury Prevention Conference. Great Neck, NY; March 12, 2001.

*Using Access EPINet in Developing Countries.* Department of Geographic and International Medicine, University of Virginia. Charlottesville, VA; February 20, 2001.

*EPINet Introduction and Training.*\* Baptist Hospital, Miami, FL; Sponsored by BD. January 29, 2001.

*Access/EPINet Review.* Department of Geographic & International Medicine staff meeting, University of Virginia; January 9, 2001.

## **2000**

*Safety Issues and Infusion Therapy.*\* Intravenous Nurses Society training seminar. Orlando, FL; November 3, 2000.

*EPINet Introduction and On-site Training.* Martha Jefferson Hospital, Charlottesville, VA; October 13, 2000.

*EPINet Surveillance Workshop: Tracking and Reporting Blood Exposures in Your Hospital,\** with Dr. Janine Jagger. Preconference Professional Development Seminar, Frontline Healthcare Workers Safety Foundation National Conference, Washington, DC; August 6-8, 2000.

EPINet demonstrations at BD booth; American Nurses Association National Conference, " Indianapolis, Indiana; June 25-27, 2000.

EPINet demonstrations at BD booth; APIC 27th Annual Educational Conference and International Meeting, Minneapolis, MN; June 18-20, 2000.

Common Ground, Washington, DC. May 31, 2000 [participant]

*EPINet Surveillance Introduction and Training Workshop,\** Infection Control Nurses Meeting, BD Offices, Oxford, England; April 17-19, 2000.

*EPINet for PHTS: Customization and Training.\** PHTS Headquarters, Columbia, SC; March 1, 2000.

## **TRAINING and PRESENTATIONS: IN-HOUSE PROGRAMS**

*Chinese Fellowship Program*  
December 7 - 11, 2009

*Russian Fellowship Program*  
June 17 - 24, 2009

*Indian Fellowship Program*  
September 22 - 26, 2008

*African Fellowship Program*  
April 16 - 20, 2007

*Japanese Fellowship Program*  
March 1 - April 7, 2001  
October 5 - 19, 2002  
November 8 - 22, 2003