

JEFFREY C. BIRKNER, BS, CT (ASCP)

Street Address, City, State Zipcode

Phone (work): ###-###-####, (cell): ###-###-####

Email (work): work@email.com (personal): personal@email.com

Professional Profile:

Experienced Healthcare IT/Laboratory professional with over 27 years' experience in healthcare including 16 years in Healthcare IT. Project Management skills with responsibility for successful planning, design, change management, implementation, and support of a project. Extensive experience with Meditech, Soft (SCC), PowerPath, SunQuest, Epic, Change Healthcare (RelayHealth) InterOp portal, PWeb, Central Data Station (CDS), NetDelivery, SensoScientific, and Remisol, design, build, testing, implementation, and improvements to the Soft EMR and Meditech EMR. Provide HL7 interface support with all solutions.

Certifications/Skills:

- SoftPath, SoftLab, SoftMic, SoftWeb, SoftA/R: design, build, testing, implementation, and support
- Soft ODBC – data mining and custom reports
- Meditech LAB, MIC, PTH: design, build, testing, implementation, and support
- Board Certified Cytotechnologist

Project Management Tools:

SharePoint, FacileThings, Microsoft Project, Excel, PowerPoint, MS Access, Word, OneNote, and Outlook

Education:

- B.S. Degree in Biological Sciences – December 1993
Illinois State University, Normal, IL
- Mercy Hospital School of Medical Technology - Cytotechnology Program - June 1997
Mercy Medical Center, Des Moines, IA

Experience:

UnityPoint Health

- Technical Lab Application Specialist - March 2022- Present

Collaborative Laboratory Services, LLC/Ottumwa Regional Health Center – August 1999 – March 2022

- Manager–Laboratory Services – May 2015 – March 2022
- Manager – Anatomic Pathology Laboratory – March 2006 – May 2015
- Lead Clinical System Analyst – August 2012 - March 2022
- Quality Systems Manager – August 2012 - May 2015
- Safety Director – March 2006 – May 2015
- Manager – Client Services, Couriers – March 2006 – May 2015
- Director of Materials Management – May 2006 – May 2015
- Pathology LIS Administrator – October 2004 – May 2015
- Supervisory Cytotechnologist – August 1999 – March 2006

Implementation Specialist Contractor for Norton Sound Health Corporation September – October 2014

- Performed validation of test build for migration from Meditech LAB to SoftLab

Laboratory Control, Ltd. – September 1994 – July 1999

- Histotechnologist Level III – September 1994 – June 1997
- Cytotechnologist – staff – July 1997 to July 1999

Key Areas of Experience:

- Project management for implementation and interfacing of clinical laboratory equipment and applications
- Completed build for Lab, Micro, POCT, and PATH Laboratory Information Systems/EMRs
- Develops/oversees system documentation, training, and user manuals
- Leads testing and validation efforts and ensures that issues are identified, tracked, and addressed in a timely manner
- Strong understanding of application architecture, database, and system design
- Build and validate all new locations and resources/instrumentation
- Build and validate system rules
- Set charging/fee schedules for all tests
- Assisted with configuration and maintenance of PPID devices throughout the medical center
- Significant experience with laboratory accreditation and regulatory requirements
- Thorough knowledge of CAP, CLIA, Joint Commission, CMS, HIPAA, FMLA, OSHA, and Iowa State regulating authorities
- Strong laboratory supervisory and managerial experience. Acting laboratory director in director's absence
- Core competencies include strategic planning, process/quality improvement, operational budget monitoring and quality assurance.
- Demonstrated an increase in revenue through cost savings and identifying new client opportunities.
- Strong focus on Customer Service assuring that the laboratory will provide a timely quality product to all hospital departments as well as patients.
- Abilities include staff supervision, conflict resolution, development, motivation, leadership, and education.
- I focus on a positive attitude in the laboratory to precipitate a premier quality product coupled with caring customer/client service.

Synergistic Activities

2021	Cepheid Xpert Xpress instrument interface build and validation
2020	Meditech-RelayHealth- CPSI/Syntellis Keokuk County Health Center Client EMR Interface Lab Team Leader
2018	Meditech-RelayHealth-EPIC Jefferson County Health Center Client EMR Interface Lab Team Leader
2017	Meditech-RelayHealth-EPIC Van Buren County Health Center Client EMR Interface Lab Team Leader
2016	RelayHealth InterOp Portal
2015	RelayHealth Patient/Provider Portal Laboratory Team Leader
2012	Member of Meditech 6.0 Conversion Team
2010	Member of Collaborative Laboratory Services Executive Management Team
2008	Developed a Materials Management Purchase Order System utilizing Microsoft Access Implementation of the Cytoc Imaging System Instituted Lean principles in Anatomic Pathology, Materials Management, and Courier Service
2004	CLS Soft Computer Conversion Team Leader
2002	Responsible for implementing and marketing ThinPrep Pap Test at Collaborative Laboratory Services. Certified as Primary Cytotechnologist on ThinPreps by the Cytoc Corp
1999	Anatomic Pathology Workflow Coordinator Implemented The Bethesda system of Reporting for Laboratory Control, Ltd and Collaborative Laboratory Services

1998 Iowa Society of Cytology – Board Member At Large
 Ongoing CAP Inspection Team member
 Ottumwa Regional Health Center Patient Flow Council
 Ottumwa Regional Health Center Safety Committee member
 Ottumwa Regional Health Center Emergency Preparedness Committee member
 Ottumwa Regional Health Center Mass Fatality Committee member
 Dangerous Goods Training
 CFR 49 DOT training
 Coordinated the enrollment of Collaborative Laboratory Services into MIME proficiency testing program, (ASCP Proficiency Program) and CAP proficiency testing
 Instituted electronic data storage of medical/business records
 Conduct Cytoc Morphology Training: pathologists and cytotechnologists
 Meditech/RelayHealth Laboratory Interface Team Leader
 Clinical laboratory applications implementation and support

Technical Experience:

Experimental Techniques

- Paraffin tissue processing and embedding
- Microwave-assisted human tissue sample preparation for light microscopy
- Immunocytochemistry, immunohistochemistry, and histochemical staining
- Microtomy and cryostat sectioning
- Cytological preparatory techniques
- Morphologic examination/interpretation of human cell structures/disease processes

Major Equipment:

- Olympus BH and BX microscopes
- Olympus BX Reflected Fluorescence Systems
- ThinPrep Review Scope
- ThinPrep Imaging System
- Soft Imaging System CC-12 video and photo
- Cytospin 2
- Stainer: Leica XL Autostainer, Leica ST5020 Stainer
- Coverslipper: Leica Autostainer XL, Leica ST5020 CV5000, Microm CTM6
- Tissue Processor: Microm MWP800 Microwave, Shandon Citadel, Sakura VIP300
- Cryostat: Leica, Miles, Microm
- Microtome: Leitz 1512, Microm HM 325, Microm HM 355S
- Ventana Benchmark LT and Ultra

Software

SunQuest
 Epic
 RelayHealth InterOp Portal
 RelayHealth Healthcare Portal
 Meditech 6.0 – Lab/Pathology Module
 Proficient with Windows operating systems
 Soft Imaging System Microsuite
 Software image acquisition for most major scanner/camera manufacturers
 Soft Computer Company – SoftPath (GUI), SoftLab, and various modules
 Microsoft Office Suite (advanced knowledge MS Access)
 Movie editing (Adobe Premiere)

PowerPath
Object Database Connectivity (ODBC)
Website design

Continuing Education:

- Udemy 2022 Complete Python Bootcamp
- Udemy Scrape the Web. Python and Beautiful Soup Bootcamp
- Udemy Java Programming Masterclass covering Java 11 and 17
- ASCP Gyn and NonGyn Educational series
- ASCP PT Proficiency Testing (formerly MIME)
- CAP Team Member Training
- CAP Webinar on Personnel Requirements
- CLIA Webinar on CLIA Compliance 2010: What's Next From CMS?
- On-site ODBC training classes August 2006 SCC Soft Computer
- Advanced Microsoft Access classes 2006
- SoftPath Super User Training - October 2004
- CYTYC Morphology Training: Primary Cytotechnologist; Boxborough, MA, October 2002
- Iowa Society of Cytology Workshop/Meeting - annual participant 1996 – 2002
- National Society of Histotechnology Symposium and workshops 1995, 2005, 2011

Publications/Collaborations:

- Quackenbush, S. R. (1999), Single-slide pap smear: An acceptable alternative to the double-slide pap smear. Diagn. Cytopathol., 20: 317–320.
- Birkner, Jeffrey C, et al. Shades of Gray: Cytology Look-alikes. Des Moines: Self-published, 1997
- Collaborative Laboratory Services Test Referral Guide
- Laboratory Control, Ltd. Test Referral Guide
- Collaborative Laboratory Services Marketing Packet
- Collaborative Laboratory Services Surgical Pathology Procedure Manual
- Collaborative Laboratory Services LIS Manual
- Collaborative Laboratory Services General Procedure Manual
- Collaborative Laboratory Services Cytology Procedure Manual
- Collaborative Laboratory Services Safety Procedure Manual

Professional Organizations:

- American Society of Clinical Pathologists
- The Iowa Society of Cytotechnologists
- College of American Pathologists
- Clinical Laboratory Management Association
- National Society of Histotechnology

Patents:

- Birkner, Jeffrey C. 2004. Rapid Tissue Processing Method and Apparatus. U. S. Patent 7273587, filed December 2, 2004 and issued September 25, 2007.
- Birkner, Jeffrey C. 2004. Rapid Tissue Processing Method And Apparatus. U. S. Patent 7273720, filed December 2, 2004 and issued September 25, 2007.

References: References available upon request