

March 2012

## CURRICULUM VITAE

# Sean Parsons, CPhT

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### PROFILE

I am currently teaching at Bidwell Training Center, Inc. and I am in the process of establishing a soda fountain and an independent non-profit pharmacy.

### EDUCATION

**Point Park College** - Pittsburgh, PA **1998 - 2000**

*Bachelors of Science in Health Services*

- Specialized in public health
- Minors in biology and environmental health

**Western School of Health and Business Careers** - Pittsburgh, PA **1995 - 1996**

*Associates Degree in Pharmacy*

- Graduated with Honors
- Class President

### PROFESSIONAL EXPERIENCE

**President and Treasurer, Lost and Found Pharmacy, Inc.** - **2007 - 2012**  
Pittsburgh, PA

As president and treasurer of what will be Pennsylvania's only nonprofit free standing pharmacy I have many responsibilities from arranging board meetings, applying with the IRS for 501(c)3 tax exempt status, negotiating contracts for pharmaceuticals, supplies, and insurance reimbursement. I am also involved in grant writing, community presentations, and I am responsible for maintaining acceptable accounting practices. I will also be handling inventory control, medication storage, staff recruitment, hiring and scheduling. I will be involved in benefits planning and negotiations. From a technology standpoint I will be handling contract negotiation for pharmacy software and maintaining the pharmacy's web presence.

**Vice President, Secretary and Owner, Lost and Found Soda Fountain, Inc.** - Pittsburgh, PA **2007 - 2012**

As vice president, secretary, and 50% share owner of Lost and Found Soda Fountain, Inc. I will be involved in a wide range of activities from establishing store policies and regulations, staff recruitment, scheduling, and training to providing excellent customer service, environmental services, and any other duties as deemed appropriate.

I have taught the following subjects at Bidwell Training Center, Inc.:

- **Pharmacy Techniques**, which includes state law in relationship to pharmacy, federal law, top 300 drugs, pharmacy history, drug information resources, medical abbreviations, public safety, alternative medicine, medication storage and inventory control, sterile products preparation and USP 797 regulations, diabetes, chemotherapy, grapefruit juice drug interactions, excipients, generic substitution, alcohol, and lectures on mMols, mEqs, IUs, and mg%.
- **Pharmacy Lab**, which includes discussion of extemporaneous compounding and safety protocols, medicine droppers measurements and accuracy, and the following items are compounded: zinc oxide ointment, calamine lotion, anhydrous emollient, hand rolled lozenges, lip balm, hand punched capsules, powder reconstitution, and preparation of a variety of sterile products such as syringes, IV admixtures, faux chemotherapy, and IV aliquots.
- **Pharmacy Math**, which include Roman numerals, decimals, fractions, percentages, 24-hour time, exponents, scientific notation, ratios and proportions, dimensional analysis, 5-step method, temperature scale conversions, household system, metric system, apothecary system, compounding math, calculations for billing compounds, pharmacy business math, parenteral dosage calculations, percentage strength, ratio strength, parts, reducing and enlarging formulas, dosage calculations based on body weight, dosage calculations based on body surface area, carboplatin dosing, infusion rates, dilutions, allegations, parenteral nutrition, and aliquots.
- **Community Pharmacy Software**, which includes prescription interpretation, DAW codes, understanding third party billing systems, drug allergy monitoring, drug-drug interaction profiling, therapy duplication screening, days' supply, labels and labeling, patient information entry and retrieval, prescription entry, e-prescribing, prescription refills.
- **Institutional Pharmacy Software**, which includes entry of physician order sets, therapeutic interchanges, order entry of intermittent and continuous infusions, handling multi-dose containers of medication, and applying knowledge of medications dosed based on patient body weight and/or body surface area, generation of cassette fills and batch IV reports.
- **Pharmacy Automation and Technology**, which includes computer basics with respect to hardware, operating systems, file systems, and databases, and the more specialized realm of pharmacy automation and technology including topics from e-prescribing and telepharmacy to pharmacy robotics and med-stations.
- **Communications I**, which includes clear communication, listening skills, body language interpretation, avoiding miscommunication, conflict management, Bidwell's core values and mission statements.
- **Communications II**, which includes dealing with customers and coworkers in community and institutional pharmacy settings, and professional interviewing skills.
- **Microsoft Word**, which includes word processing concepts, basic word processing formatting, formal business letter composition, intermediate word processing formatting, tri-fold medication brochure, pharmacy automation report, resume and other professional documents.

**Pharmacy Trainer, UPMC - Pittsburgh, PA 1998 - 2007**

I had the opportunity to function in all parts of the pharmacy while at UPMC Presbyterian. I managed to cover all shifts at all times of day while performing skills such as IV/Chemo preparation, pre-packing, extemporaneous compounding, setting up and working with various forms of automation, providing pharmaceutical services directly in the operating rooms, training new employees, maintaining staff schedules.

**Pharmacy Technician, Suburban General Hospital - Pittsburgh, PA 1996 - 2005**

Suburban General Hospital was my first experience of working as a technician, and possessed the advantage that it was small in size. This made it much easier to obtain a holistic view of the pharmacy's role in health care. My time there was so enjoyable that I stayed on staff their through December 2005, despite being full time with UPMC since August 1998.

**CLERKSHIP EXPERIENCE**

**Pharmacy Technician Externship, Suburban General Hospital - Pittsburgh, PA 1996**

While there I was introduced to aseptic compounding practices, cassette fill and exchange, order entry, pharmacy automation, and pharmacy billing practices.

**Paid Internship for Tutoring, Western School of Health and Business Careers - Pittsburgh, PA 1995 - 1996**

While there I was provided financial remuneration for tutoring the following courses:

- Chemistry
- Anatomy and Physiology
- Mathematics for Health care Professionals
- Pharmacy Math

**CERTIFICATIONS**

**Certified Pharmacy Technician**

Certification Number: 4201-0107-1254-599

Renewal Date: March 31, 2014

**PROFESSIONAL AFFILIATIONS**

**ASHP** - American Society of Health-System Pharmacists

**PTEC** - Pharmacy Technician Education Council

**NPTA** - National Pharmacy Technician Association

## **PROFESSIONAL ACTIVITIES**

### **Website Administrator**

I am the administrator of the following websites:

- The Linux Box - <http://thelinuxbox.org> - a website dedicated to free and open source software and artwork encompassing some journalism and my own artwork.
- BTC-Medical - <http://btc-medical.org> - a web based collaborative learning environment used by my students to find new and interesting ways to manipulate the data they are provided in class.
- Lost and Found Pharmacy - <http://lostandfoundrx.com> - a website dedicated to informing the public about the community services being offered through my non-profit pharmacy along with goals and time lines for various goals I intend to accomplish.
- Lost and Found Soda Fountain - <http://lostandfoundsf.com> - a website dedicated to describing the services of Lost and Found Soda Fountain and how it intends to support Lost and Found Pharmacy.
- Pharmaceutical Calculations - <http://pharmaceuticalcalculations.org> - a website through which I am delivering the first open source pharmacy math book under a license that allows it to be freely redistributable and modifiable. Currently, the first 427 pages are available.
- Rx-wiki - <http://rx-wiki.org> - A wiki dedicated to gathering current information on various subjects pertaining to pharmacy. Currently, 30 of the original articles on the site have been authored by me.

### **Website Editor**

I am an editor of the following websites:

- KDE Look - <http://kde-look.org>
- KDE Files - <http://kde-files.org>
- GNOME Look - <http://gnome-look.org>
- XFCE Look - <http://xfce-look.org>

### **Published Works**

I was recently contracted to write the instructor's manual for Pharmacy Communications, 6<sup>th</sup> Edition, Robert Beardsley, McGraw-Hill Publishing, 2011

I authored and self-published Pharmaceutical Calculations, 2012, ISBN 978-0-578-06373-7

I have written thirty entries for Rx-wiki (<http://rx-wiki.org>) on subjects ranging from federal pharmacy law to extemporaneous compounding.

I have published articles in *The Open Pit* and *Linux World* pertaining to software reviews, book reviews, and various opinion pieces.

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### **CONTINUING EDUCATION**

4/30/08	Education Conference: Changes & Innovations in Education, Robert Morris University, 8 a.m.-3 p.m.
4/3-4/5/08	Continuing Education In the Health Sciences, Oakland, 13.5 CEU
2/15/08	Classroom Management Techniques, Bob Burley, 8 a.m.-3 p.m., Leadership, Job Skill Classes, Alan James, 3:15-4 p.m., Bidwell Training Center, (8 Hours)
1/29/08	Staff In-Service Policies, Procedures, etc., Bidwell Training Center, (8 Hours)
11/2/07	Comprehensive Crisis Management, Bidwell Training Center
9/14/07	Team Building with Keith Hall 8 a.m.-2:30 p.m.
4/25/07	Education Conference: Changes & Innovations in Education, Robert Morris University, 8 a.m.-3 p.m.
10/06	Effective Facilitation Skills, presented by Keith Hall

### **ADDITIONAL SKILLS**

- Knowledge of American Sign Language
- CPR trained and certified
- UNIX/Linux administration
- Skilled in several computer scripting and programming languages
- Database programming and entry skills
- Computer graphics skills
- Computer assembly and repair skills