DAVE LAWSON

✉ davidrlawson@gmail.com   📞 206.851.4076   in www.linkedin.com

As a former research scientist, I'm passionate about creative problem solving and adept at communicating complex systems in a way that is simple, elegant and engaging. Through my experience, I've developed the analytical tools needed to manage multiple information streams and the expertise to transform that data in to actions that produce results.

TOOLS:

Software	Data Analysis	Infrastructure	Prototyping	Statistics	UX Research
MS Office	Excel/VBA	WIN 7/10	Axure RP	JMP	Morae
Adobe Suite	Google Analytics	Mac OS	PowerPoint	Prism	UserTesting.com
SAP	SQL/MySQL	Linux	Sketch	Stata	SurveyMonkey

Project Mgmt	CRM	Communication	Web Design	Administration	Development
MS Project	Salesforce	Salesforce	HTML5/CSS3	O365	Visual Studio
Visio	Autotask	Autotask	Sublime	Cisco	Android Studio

EXPERIENCE:

⬤ Project Management   ◯ UX Design   ◯ Sales/Customer Service   ◯ Biotech/Biopharma

Cape & Powers — *Operations Manager*

Present
Apr2017

- Manage client interactions and scheduling for field technicians in WA and VT offices
- Facilitate meetings with client teams for large IT projects, describing timelines, budget and scope
- Provide technical assistance via phone and email for customer inquiries
- Develop internal process documentation for routine administrative functions
- Provide network documentation, diagrams, and forecasts for client projects
- Coordinate and facilitated meetings between sales team and client teams and produced source material

Microsoft — *Project Manager - Microsoft Universal Store Live Site Coordination Team*

Sep2016
Nov2015

- Drove end to end incident triage and management for global network service teams and partners
- Provided technical support and documentation for service teams across many functional groups
- Managed incident record database for over 700 client services and provided data analysis and reports
- Provided technical assistance for utilizing self service diagnostics and dashboards to help drive continual improvements to operational efficiency
- Led redesign on internal Sharepoint site to significantly enhance usability and efficiency for storage and retrieval of internal resource documentation
- Contract Position

General Assembly Flipt (internship) — *UX Researcher and Designer*

Sep2015
Aug2015

- Developed expertise with the full spectrum UX design process from concept to prototype
- Established proficiency with visual design and rapid prototyping software packages
- Improved site design to enhance user interaction and trust, increased user trust index from 4.5/10 to 9/10 based on user survey data
- Developed usability test metrics and conducted user interviews and surveys
- Facilitated stakeholder interactions and presented project results
- Student work and internship

Gregg's Cycles — *Sales Associate*

Mar2017 (On Call)
Mar2013

- Major contributor to a sales team that set company sales records for Q1 and Q2 2015
- Designed 'self service' promotional material based on customer feedback to help guide customers through the details of the bike selection process
- Provided sales and software training for fellow employees
- Resigned to pursue other opportunities

Seattle Genetics — Principal Research Associate

Feb 2013
Apr 2012

• Developed biochemical characterization methods for antibody conjugated drug products
• Produced SOPs for downstream development groups and provided training
• Authored and edited technical reports for IND filings with federal regulatory agencies
• Contract Position

Targeted Growth — Associate Scientist

Oct 2011
Aug 2010

• Managed biofuel discovery projects for 10 scientists and acted as primary analytical scientist for driving bacterial genetic engineering work
• Developed and optimized assays to quantify lipid metabolites synthesis in modified cyanobacteria
• Managed database of cyanobacterial metabolic data to drive research and development in pathway engineering
• Contributing author to primary research article published in peer reviewed journal
• Company failed, laid off

MDS Pharama — Scientist I

Aug 2010
Mar 2009

• Designed experimental protocols, cohort studies and controls to meet project deadlines and deliver objective data for drug development studies
• Developed formulation schemes for drug delivery in live animal dosing
• Analysed pharmacokinetics of drug candidates to drive development projects
• Company restructured, resigned to pursue other opportunites

Theraclone — Research Associate III

Feb 2009
Oct 2008

• Performed quantitative characterization of antibodies expressed in cultured plasma cells
• Designed methods for plate based assays on liquid handling robots and provided training to lab staff members
• Company failed, laid off

Nastech — Research Associate II/III

Aug 2008
Feb 2006

• Analyzed genomic data for potential siRNA drug development targets
• Developed analytical methods for isolating and quantifying component molecule in complex drug delivery vehicles
• Designed analytical methods for determining charge heterogeneity in synthetic peptides to facilitate production methods and quality standards
• Acted as in-house contact point for CMO outsourcing for genomic, protein and peptide drug APIs
• Company failed, laid off

Berlex/Bayer — Research Associate

Feb 2006
Apr 2005

• Designed experiments for multivariate testing in bench and pilot scale bioreactors
• Organized and edited development reports to inform design parameters for plant scale drug production
• Performed literature reviews to drive method development projects and created benchmarks for quality intervals in each stage of recombinant yeast drug production
• Developed KPIs for system suitability requirements in large scale drug production runs
• Resigned to pursue other opportunities

Fred Hutchinson Cancer Research Center — Research Technician III

Apr 2005
Aug 2003

• Designed data mining tools in Excel to improve targeting efficiency for biomarkers in large-scale population biology studies
• Optimized GC methods for lipid metabolite analysis to enhance efficiency and accuracy
• Authored and edited materials and methods sections of literature for publishing in peer reviewed scientific journals
• Resigned to pursue other opportunities

Lipomics   *Chemist, Research and Devleopment*

Aug 2003
Jul 2001

• Designed and implemented data visualization and organization tools using VBA macros in Excel
• Drove development of procedures for lipid extraction and isolation methods
• Created documentation and communication standards for internal and external data reporting
• Researched, developed and optimized analytical methods for lipid metabolite analysis
• Company sold, laid off

EDUCATION:

Oct 2015
Jun 2015

User Experience Design, General Assembly
Seattle, WA

Sep 1997
Jun 2001

Bachelor of Science, Zoology & Chemistry, Oregons State University, Magna Cum Laude
Corvallis, OR

PUBLICATIONS:

Oct 2013

Fatty aldehydes in cyanobacteria are a metabolically flexible precursor for a diversity of biofuel products. PLoS One. 2013;8(3)

Jan 2008

Potential Efficacy of Exomer and Meromer siRNA. Poster