

## Resume

April 14, 2009

George Georgalis is an *Information Systems* expert. In 1998, he transitioned a medical discovery service (founded 4 years earlier for library research) to a system administration consultancy for San Diego business. Relocating in 2001, he consulted 5 years for New York City and New Jersey companies. In 2004, Metrum Research Group, a Connecticut based pharmacometric research organization, contracted him to engineer a validated quantitative pharmacokinetic / pharmacodynamic modeling and simulation grid. Two years later, Mr Georgalis joined MetrumRG as Information Systems Scientist. In 2008, he was appointed Faculty of Science Researcher, Pharmacometric Platform Manager, Department of Pharmacology, Leiden University (Netherlands) for LACDR and the Dutch Top Institute Pharma Consortium, to develop the knowledgebase and HPC facility. His experience includes:

- BSD/Linux Operating Systems and Hardware
- Computer System Validation (21 CFR Part 11)
- ISP Facility and Internet Services
- Help Desk Support
- Firewall, Networks and VPN
- Top-level Domain Registrar
- Graphics and Multimedia
- Web Applications

**Area Specialties** security, network protocols, data warehousing, systems integration, account management, configuration management, vendor negotiation, hardware & hardware virtualization, distributed filesystems, High Performance Computing, Unix mentoring, decision tree analysis, unit testing, change control, project management.

### SKILLS

- Requirement discovery and design specification.
- Operational procedures and system documentation.
- Hardware, software license provision and management.
- Host and workstation imaging, replication and management.
- Auditing, security, VPN, encryption, access and monitoring.
- Information qualification and validation (digital signatures).
- Multimedia, graphics, websites and presentation.
- Library and Internet research.
- PKPD modeling and simulation.
- Process analysis and illustration.
- Data management and assurance.
- Backup and disaster recovery.
- Data visualization systems.
- Database management.

### PUBLICATIONS

- Gillespie WR, Gastonguay MR, Knebel W, Georgalis G. Open Source Software Tools for Parallel Computation of Multiple MCMC Chains with WinBUGS. American Conference on Pharmacometrics, 2008. [http://metrumrg.com/images/stories/publications/acop\\_2008\\_winbugs.pdf](http://metrumrg.com/images/stories/publications/acop_2008_winbugs.pdf)
- Knebel W, Bergsma T, Fisher J, Georgalis G, Gibiansky L, Gillespie WR, Riggs MM, and Gastonguay MR. Facilitating the Pharmacometrics Work-Flow with the Mltools R Package. American Conference on Pharmacometrics, 2008. [http://metrumrg.com/images/stories/publications/acop\\_2008\\_mitools.pdf](http://metrumrg.com/images/stories/publications/acop_2008_mitools.pdf)

### EDUCATION

- NONMEM for population PK and PKPD modeling and simulation, Dr. Elaine Fuseau, EMF Consulting, France.
- Pharmacokinetics & Pharmacodynamic Modeling, Prof.dr M. Danhof, Leiden University, Netherlands.
- Two system administration courses by Red Hat Inc. at SGL in San Diego, CA.
- 43.5 units toward a (land) Surveying A.A. Degree, Palomar College, San Marcos, CA.
- Introduction to Pascal, programming course, Computerland, San Diego, CA.
- Advanced placement curriculum, Mira Mesa High School, San Diego, CA.

**EXPERIENCE****Leiden University, Dutch Top Institute Pharma and LACDR**

July – September 2008, Leiden, Netherlands.

**Platform Manager****Metrum Research Group LLC**

September 2004 – July 2008, Tariffville, CT.

**Information Systems Scientist****Internet Solutions** (Various Professional Contracts)**System Administration Consultant** March 1998 – September 2006, La Jolla, CA.**Speedy Research Service** (Various Professional Contracts)**Research Discovery Consultant** September 1994 – March 1998, La Jolla, CA.**Thinking Pictures** June – August 2004, New York, New York.**Distributed Engineering and Content Integrator****Cyberhenge, Inc.:** May 2002 – December 2005, Haskell, NJ.**System, Network and Security Administrator****Network Privacy Inc.:** December 2001 – August 2002, New York, NY.**Network and Security Administrator****DataPipe:** January – March 2002, Hoboken, NJ.**System Administrator****New York City Partnership and Chamber of Commerce:** November 2001 – January 2002.**Manager of Information Systems****Global Domains International (.WS TLD registrar):** March – May 2001, Carlsbad, CA.**Senior Unix Systems Administrator****Stone Analytics:** August 2000 – February 2001, San Diego, CA.**System Administrator****CareerCast:** July – August 2000, Carlsbad, CA.**System Administrator****VitalRx.com:** December 1999 – July 2000, San Diego, CA.**IT Specialist and Web Developer****The Sutherland Group Ltd., for Red Hat Software:** May – December 1999, San Diego, CA.**Help Desk Technician***Professional Accomplishment Detail and References, Available Upon Request*