

HERNANDO

SANCHEZ-FADDEEV

DEVELOPING BUSINESS, SCIENCE AND TECHNOLOGY

+ EXPERIENCE

- 2013 – present**

Owl Tech (www.owltech.nl)
Founder
 High-Tech startup that is developing new positioning methods for 3D printing and related technologies. Owl Tech has won support from European Space Agency Business Incubation center and is currently in search of industrial partner for commercialization
- 2005 – 2006**

Mooncat Consultancy
Founder
 B2B consultancy services for Java based systems. Among others, consulted and developed EJB systems in collaboration with Hildebrando and Qualita MX
- 2005**




Qualita Mexico (www.qualita.com.mx)
System Architect
 Java Architect on Inbursa project. Responsible for project security. Designed and modeled a security component and developed critical parts of WebLogic JAAS module implementation and several security filters
- 2004**

IUSACELL (www.iusacell.com.mx)
Project Leader
 Led team of developers for several J2ME projects. Defined an architectural model for the internal systems interoperability. Developed optimization modules for tariff optimization. EJB with IBM WebSphere, Oracle 9i, J2ME running on java enabled devices
- 2003**

Hildebrando (www.hildebrando.com.mx)
Senior Java Developer
 Developer for SECOFI internal management system. Responsible for employee management modules development. Experience with Struts and Hibernate frameworks

+ PERSONAL ABILITIES

	basic	average	skilled
Leadership	●●●●●●●●		
Networking	●●●●●●●●	●●●●	
R&D	●●●●●●●●	●●●●	
Creativity	●●●●●●●●		
Autonomy	●●●●●●●●		

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Website
www.utnapishtim.info
- 
Mobile
 upon request
- 
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eric.faddeev@gmail.com



+ PROFESSIONAL SKILLS

	basic	average	skilled
Genetics	●●●●●●●●		
Bioinformatics	●●●●●●●●		
Engineering, prototyping	●●●●●●●●	●●●●	
Computer Science	●●●●●●●●		
Matlab, R, Phyton	●●●●●●●●	●●●●	
C++, Java, DB optimization	●●●●●●●●	●●●●	
English	●●●●●●●●		
Dutch	●●●●●●●●	●●●●	
Spanish	●●●●●●●●		
Russian	●●●●●●●●		

+ EDUCATION

- 2009 – present**

PhD Population Genetics
Leiden University
 Under supervision of Prof. Dr. Peter de Knijff and Prof. Dr. Rudi Westendorp. Leiden University Medical Center, Leiden, The Netherlands. Thesis: "Cultural effects on genetics of African agriculturalists".
Graduation pending
- 2006 – 2009**

MSc Computer Science and Bioinformatics
Leiden University /TU-Delft
 Thesis based on new method for developing drug targets using multiobjective optimization. Study published
- 1998 – 2003**

BSc Computer Science
Tecnologico de Monterrey (MX)
 Maintained scholarship, completed a number of certifications related to Java and networking technologies. Completed an exchange semester at OUC, Kelowna, Canada

+ HOBBIES

- 2000 – present**

Brasilian Jiu-Jitsu
Competive Level
 Brasilian Jiu-Jitsu is a martial art where the development of technique, skill, and mental discipline are required to progress. For me Jiu-Jitsu is not just a sport, it is also a lifestyle

+ SELECT COURSES AND CERTIFICATIONS

- Sun Certified Enterprise Architect SCEA Part 1 (CX-310-051), Mexico 2006
- Sun Certified Web Components Developer SCWCD, Mexico 2005
- Sun Certified Java Programmer SCJP, Mexico 2003
- Cisco Certified Network Associate CCNA, Mexico 2002
- Next Generation Sequencing Analysis, LUMC 2011
- Human Population Genetic Analyses, University of Copenhagen 2010
- Microarray Expression Analysis, LUMC 2009
- The Aging Process, LUMC 2009
- Young investigator Workshop (Gerontology), University of Tartu (Estonia) 2009
- Programmatic Access to Biological Databases (Java), EBI Cambridge 2009
- Advanced Pattern Recognition Course, TU-Delft 2009
- Molecular Cell Signal Transduction, Leiden University 2008

+ PUBLICATIONS

- **H. Sanchez-Faddeev**, J. Pijpe, T. van der Hulle, H.J. Meij, K. van der Gaag, P.E. Slagboom, R.G.J. Westendorp, P. de Knijff, "The influence of clan structure on the genetic variation in a single Ghanaian village". *European Journal of Human Genetics*, 2013
- **H. Sanchez-Faddeev**, M.T.M. Emmerich, F.J. Verbeek, A. H. Henry, S. Grimshaw, H P. Spaink, H. W. van Vlijmen, A. Bender., "Using multiobjective optimization and energy minimization to design an isoform-selective ligand of the 14-3-3 protein". *Lecture Notes in Computer Science, Volume 7610*, 2012, pp 12-24
- M. T. M. Emmerich, B. V. Y. Li, A. Bender, **E. Faddiev**, J. Kruisselbrink, A.H. Deutz, E. Van der Horst, A.P. IJzerman, T. Bäck, "Analyzing Molecular Landscapes Using Random Walks and Information Theory". *Chemistry Central Journal* 3, 2009, p20
- **H. Sanchez-Faddeev**, J. Pijpe, D. Van Bodegom, K van der Gaag, U. K. Eriksson, T. Spear, R. Westendorp, P.De Knijff, "Ancestral stories of Ghanaian Bimoba reflect millennia-old genetic lineages" Accepted. *Plos One*

+ PATENTS

- A process and apparatus to manufacture a three-dimensional object.
Pub. No.: WO/2014/189371. International Application No.: PCT/NL2014/050320
Reference: www.google.com/patents/WO2014189371A2?cl=en