
David Wicks

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RELEVANT MISSIONS EXPERIENCE

Hope for the Nations Philippines, Davao City, Philippines

Vice Chairman of the Board of Directors (December 2008 to present)

- I currently serve on the Board of Directors as Vice-Chairman.

Hope for the Nations Philippines, Davao City, Philippines

Tabitha: Food for Life Administrator (July 2008 to present)

- This ministry aims to invest in the oppressed children of Agdao by showing them God's love through educational, nutritional and spiritual support.
- **Results:** We are currently expanding this program to other areas of the city and are currently serving about 400 meals a week to kids who are malnourished and oppressed by poverty.

Hope for the Nations Philippines, Davao City, Philippines

Interim Executive Director (December 2006 to March 2008)

- This ministry is dedicated to investing in and discipling youth and children and bringing them into God's kingdom. At the time there were several facets to the ministry: a feeding program, an out of school youth education center, a development co-op, a start-up church, livelihood projects, a primary health care clinic and other smaller ministries.
- **Results:** I lead the ministry through several staffing changes and program reduction to create a more vibrant and focused ministry.

Lynn Valley Full Gospel Church, North Vancouver, British Columbia, Canada

Sunday School Volunteer (Spring of 2006 to Fall of 2006)

- I volunteered with the church teaching Sunday school to young children.

Grandview Woodlands Community Policing Center, Vancouver, British Columbia, Canada

Community Police Volunteer (Winter of 2004 to Summer 2005)

- Volunteered at the community policing center and helped the poor in the area get to the resources that they needed with respect to policing and safety in the community.

Lynn Valley Full Gospel Church, North Vancouver, British Columbia, Canada

Youth and Sunday School Volunteer (Winter of 1998 to Winter of 2000)

- I was a youth group worker and Sunday School volunteer.

Lynn Valley Full Gospel Church, North Vancouver, British Columbia, Canada

Mexico Missions Trip Team Leader (Winter of 1998)

- I was a team leader for a missions trip to the Baja in Mexico. Most of our time was spent working at the orphanage Colina de Luz (Hill of Light).

Lynn Valley Full Gospel Church, North Vancouver, British Columbia, Canada

Youth Pastor Intern (Fall of 1997 to Fall of 1998)

- I assisted in organizing and supervising activities for approximately 20-30 youth. This included leading Bible studies, short term mission seminars to the poor areas of the city, discipleship, and training in biblical principles.

Full Gospel Bible Institute, Manchester, England

School Missionary (Summer of 1997)

- While attending the Full Gospel Bible Institute, I joined a short term missions trip to England for 1 month. This trip included several months of training before actually leaving for England. The focus was on students in grades 6-10. We taught in their

classes and ministered to them after school through sports. Many of these students were from very poor families.

Eston Full Gospel Church, Eston, Saskatchewan, Canada

Youth Volunteer (Fall of 1996 to Spring of 1997)

- While attending the Full Gospel Bible Institute, I volunteered at the local church with the youth group. This included leading Bible studies and helping to lead youth nights and other activities.

Full Gospel Bible Institute, Eston, Saskatchewan, Canada

Resident Supervisor (Fall of 1996 to Spring of 1997)

- While attending the Full Gospel Bible Institute, I oversaw a dorm of ~20 men. I had to help organize weekly events, deal with problems or issues, and ensure the spiritual well being of the residents. This work involved pastoral care and spiritual mentoring.

Street Invaders, Eston, Saskatchewan, Canada

Missions Worker (Summer of 1994)

- This was a short term missions trip to the western coast of Canada near the city of Nanaimo. The trip involved several weeks of training in missions and evangelism and a week of intensive missions work including working with the poor and the needy of Nanaimo.

RELEVANT RESEARCH AND DEVELOPMENT EXPERIENCE

Aurora Biomed Inc., Vancouver, BC

Project Manager (January 2005 to August 2006)

- Manage development of the Versa series (lab automation and liquid handling robotic systems) which includes long term planning, progress evaluation, study of marketing and sales reports, allocation of resources and coordination of application scientists and mechanical, software, and electrical engineers.
- Developed SOPs and testing protocols for instrument calibration, validation, and method development.
- Developed a software design document describing software requirements and structure.
- Designed and implemented a design plan form and inter-office bulletin board to improve communication between departments, long term planning, and employee input into projects.
- Communicate with the sales and marketing departments to ensure development will meet the market and customer needs.
- **Results:** The Versa 100 and 1000 are now at the beta testing stage and a customized instrument for peptide synthesis was developed and delivered to a customer in 6 months. A system for automated PCR preparation is also nearing the prototype stage after only 3 months from the initial concept being put forward.

Research and Development Assistant Manager (June 2004 to December 2004)

- Developed a patch clamp screening program for hERG and NaV1.2a ion channels and an *in vivo* screen for hERG toxicity. Validation of these protocols has since been completed.
- Designed and implemented an incentive program to improve planning and productivity.
- **Results:** Patch clamp screening is now available to customers and instrument production has been maintained despite cutbacks in the number of production staff.

Patent Manager (August 2003 to August 2006)

- Under guidance from a patent lawyer, I managed the companies' patent files. Approximately 12 patents are in process from the provisional patent stage to the review stage.
- **Results:** 4 technologies have since been granted patents and several others are nearing completion.

Ion Channel Retreat Coordinator (June 2003 to June 2004)

- Successfully planned and executed a scientific conference that was attended by over 60 delegates and 25 speakers from Europe and North America. This involved recruiting a scientific advisory board from academia and industry and working with them to put together the speaker list and program through review of abstracts and selection of speakers.
- **Results:** Received great reviews from attendees and our media sponsors.

Lab Assistant/Lab Technician (February 2003 to June 2003)

- Installed instruments at customer sites in Germany and Sweden and trained users.
 - Developed a QC system for buffers and standard solutions.
- Results:** Instruments in service to 2006 and the QC system is still in use.

Lab of Dr. Peter Unrau, Burnaby, BC

Honors Research Project (September 2002 to December 2002)

- Designed and did experiments to complete concept proof of a separation device.
- **Results:** Delivered a presentation outlining the design of a commercial device for the separation of chiral compounds based on the data obtained during the semester.

Lab of Dr. Paul Li, Burnaby, BC

Lab Assistant (Summers of 2001, 2002)

- **Results:** Completed work that led to the publication listed below on micro-fluidic chips as well as a poster on contracting bodies and a novel sensing technology.

SELECTED PUBLICATIONS (Complete list with authors available on request)

- **Separation of Fluorescent Derivatives of Hydroxyl-containing Small Molecules on a Microfluidic Chip.** *Analytica Chimica Acta*. April 2004, Vol. 507, No. 1: 107-114.
- **Development of an HTS Assay for Na⁺, K⁺-ATPase Using Nonradioactive Rubidium Ion Uptake.** *ASSAY and Drug Development Technologies*. Oct 2004, Vol. 2, No. 5: 535-542.
- **Atomic Absorption Spectroscopy in Ion Channel Screening.** *ASSAY and Drug Development Technologies*. Oct 2004, Vol. 2, No. 5: 569-574.
- **Development and Evaluation of an Automated Cell-based Flux Assay for HTS of hERG.** *American Biotechnology Laboratory*, 2005, Vol 23; No 13: 12-15.
- **Development & Validation of an HTS Flux Assay for Chloride Channels Endogenously Expressed in CHO-K1 Cell Line.** *ASSAY and Drug Development Technologies*. Feb 2006, Vol. 3, No. 1: 65-71.

AWARDS

- NSERC Undergraduate Student Research Award (2002)
- Undergraduate Award in Analytical Chemistry from the ACS (2002)
- Ken Caples College Transfer Entrance Scholarship (1999)
- Capilano College Science/Chemistry Scholarship (1998)
- Governor Generals Award (1995)

EDUCATION

- **Bachelor of Science (Honors)**, Simon Fraser University, Burnaby, BC (December 2002), Molecular Biology and Biochemistry with a minor in Chemistry. GPA: 4.12
- **Associate of Science**, Capilano College, North Vancouver, BC (May 2000)
- Diploma in Biblical Studies, Full Gospel Bible Institute, Eston, SK (April 1997)

REFERENCES

- **Rico Arnold M. Onate**, 34 Orchid Street, Luzviminda Subdivision, Ma-a, Davao City
- **Dante G. Montenegro**, 420 Chapaca Street, Juna Subdivision, Matina, Davao City
- **Owen D. Scott**, 1160 East 29th Street, North Vancouver, British Columbia, Canada