

# Nancy Quinn

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8745 Telegraph Way  
Seattle, Washington 98136  
Tel: 206-555-1212  
Email: nancyq@net.com

## PROFILE

- Self-motivated and highly energetic professional with 5<sup>+</sup> years of solid scientific research experience and strong record of success in challenging projects. Experienced in working in multicultural and interdisciplinary teams. Recognized for high teamwork skills and great leadership potential.
- Posses a passion for working on the interface of science and business, and the ambition to create a new kind of technology commercialization firm. Seeking a rigorous MBA program to facilitate career transition.

## Core Strength

Problem solving skills  
Strategic and analytical thinking  
Creativity  
Multitasking

Teamwork skills  
Supervisory skills  
Communication skills  
Work ethics

## EDUCATION

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08/2001-12/2006     **Ph.D.** in medicinal chemistry  
Department of Chemistry, State University

08/1997-06/2001     **B.S.** in chemistry  
Department of Chemistry, University of the Northwest

## WORK EXPERIENCE

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03/2007-08/2007     **Postdoctoral Researcher**, Northwest College of Medicine

- Designed, synthesized and performed assay on light activable “caged” S-adenosyl methionine, which offer the potential to study the influence of histone acetylating / methylation at any point during an organism’s lifetime.

12/2006-02/2007     **Visiting Scientist**, Institute of Chemical Biology

- Expressed and purified mutant FtsZ proteins
- Analyzed the impact of site directed mutants on the polymerization and GTP hydrolysis activities of FtsZ

05/2002-12/2006     **Research Assistant**, Department of Chemistry, State University

- Discovered and developed taxane based novel anti-tuberculosis agents that target the bacterial tubulin homolog FtsZ and can overcome multi-drug resistant tuberculosis
- Designed and synthesized benzimidazole compounds as novel anti-tuberculosis agents
- Expressed and purified wild-type FtsZ proteins
- Evaluated the ability of the taxane and benzimidazole-based compounds to inhibit FtsZ polymerization and GTP hydrolysis *in vitro*
- Designed and synthesized second generation taxoid anticancer agents
- Designed and synthesized taxane-based multi-drug resistance reversal agents
- Designed and synthesized Taxoid-fatty acid conjugates as new and potent anticancer agents
- Provided training for team members
- Supervised junior members
- Responsible for instrument maintenance
- Actively searched for potential collaborators in various research projects

## **TEACHING ACTIVITIES**

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08/2001-12/2002

**Graduate Teaching Assistant**, Department of Chemistry

- Gave lectures to a class of 40 undergraduate students
- Tutored and assisted students individually or in small groups to help them master assignments and to reinforce learning concepts
- Instructed and monitored students in labs in order to prevent injuries and damage
- Evaluated students' performances

06/2003-09/2003  
& 06/2004-09/2004

**Mentor** for high school students in *Science Competition*

- Helped children to develop curiosity and interest in science
- Motivated them to learn
- Two of them were named as semi-finalists in the competition

## **SCIENTIFIC COLLABORATIONS**

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1. Department of Infectious Diseases, Research Institute, International Medical Center
2. Department of Microbiology, immunology and pathology, State University
3. Department of Pharmacological Sciences, University of the Northwest
4. Washington State Cancer Institute

## **PROFESSIONAL AFFILIATIONS**

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Member, American Chemical Society (2003-present)

## **LANGUAGE SKILLS**

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Fluent in English and Chinese

# NANCY QUINN

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## SUMMARY OF QUALIFICATIONS

*MBA Applicant ~ Technology Commercialization Focus*

Accomplished, dynamic professional and PhD with more than five years of experience conducting high-level scientific research. Motivated by challenge to improve business model for science-driven ventures. Proactive leader and team player integral to success of numerous research initiatives. Dedicated scholar with strong teaching experience and strategic approach to problem solving. Diplomatic supervisor with sophisticated knowledge of multicultural and interdisciplinary teams. Resourceful and versatile with excellent interpersonal skills, highly developed work ethic, and reputation for integrity. Fluent in English and Chinese.

## EDUCATION

STATE UNIVERSITY, Seattle, Washington  
*Doctor of Philosophy in Medicinal Chemistry*, 2006

UNIVERSITY OF THE NORTHWEST, Seattle, Washington  
*Bachelor of Science in Chemistry*, 2001

## PROFESSIONAL EXPERIENCE

NORTHWEST COLLEGE OF MEDICINE, Seattle, Washington 2010  
*Postdoctoral Researcher*

- Designed and conducted research to extend study potential for duration of an organism's lifetime.

INSTITUTE OF CHEMICAL BIOLOGY, Seattle, Washington 2006 – 2009  
*Visiting Scientist*

- Expressed and purified mutant proteins then analyzed impact of site-directed mutants.

DEPARTMENT OF CHEMISTRY, STATE UNIVERSITY, Seattle, Washington 2002 – 2006  
*Research Assistant*

- Discovered and developed anti-tuberculosis agents that can overcome multi-drug resistant TB.
- Designed and synthesized second generation anticancer agents and drug resistance reversal agents.
- Obtained collaborators, trained team, supervised junior members, and maintained instruments.

## TEACHING EXPERIENCE

SCIENCE COMPETITION, Seattle, Washington 2003 & 2004  
*Mentor to High School Seniors*

- Motivated students to develop curiosity about science, helping two contestants reach semi-finals.

DEPARTMENT OF CHEMISTRY, Seattle, Washington 2001 – 2002  
*Graduate Teaching Assistant*

- Lectured class of 40 undergraduates, monitored students in labs, and evaluated performances.
- Facilitated learning and improved performance by tutoring students individually and in small groups.

**TEACHING EXPERIENCE***(Continued)*

STATE COLLEGE, Seattle, Washington  
*Private Tutor, Math and English*

1998 – 2000

**AWARDS**

- *Chemistry Award* for Excellence in Doctoral Research (2007).
- *Washington State Travel Award*, Travel Co. Inc., Seattle, (Fall 2003, Fall 2004, Spring 2005).

**PROFESSIONAL AFFILIATION**

AMERICAN CHEMICAL SOCIETY  
*Member*

2003 – Present

**SCIENTIFIC COLLABORATIONS**

- *International Medical Center*, Research Institute, Department of Infectious Diseases
- *State University*, Department of Microbiology, Immunology, and Pathology
- *University of the Northwest*, Department of Pharmacological Sciences
- *Washington State Cancer Institute*