

Francis Bartholomew Panosyan

Curriculum Vitae

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Scholastic History

2004-present	Medical Degree <ul style="list-style-type: none">Undergraduate Program	Queen's University School of Medicine (Kingston, Canada)
2003-2004	Post Doctoral Fellow <ul style="list-style-type: none">Design and Synthesis of Drugs Targeting RNA.	Prof. Stephen Hanessian Universite de Montreal Department of Chemistry (Montreal, Canada)
2000-2003	Doctor of Philosophy <ul style="list-style-type: none">Molecular Recognition and Catalysis. "Asymmetric Reduction Using C2-symmetric Metal Complexes: The First Autocatalytic Asymmetric Reduction".	Prof. Jik Chin University of Toronto Department of Chemistry (Toronto, Canada)
1998-2000	Master of Science <ul style="list-style-type: none">Synthetic Organic Chemistry. "Total Synthesis of Xestomanzamine A: An efficient route to 5-iodo-1-methylimidazole".	Prof. Ian W.J. Still University of Toronto Department of Chemistry (Toronto, Canada)
1994-1998	Honours Bachelor of Science <ul style="list-style-type: none">Chemistry and Biochemistry specialist	University of Toronto Faculty of Arts and Science (Toronto, Canada)
1992-1993	Pnds certificate <ul style="list-style-type: none">Germanistic studies entry level	Humboldt University (Berlin, Germany)
1988-1990	Science Advanced Levels	New English School University of London School Board (Kuwait city, Kuwait)

Languages

English, Armenian, German, Arabic and Persian.

Publications

Chin, J.; Kim, D. C., Kim, H.J., Panosyan, F. B. and Kim, K. M. "Chiral shift reagent for amino acids based on resonance-assisted hydrogen bonding"
Organic Letters, **2004**, 6(15), 5291-2593.

Panosyan, F. B. and Chin, J. "Autocatalytic Asymmetric Reduction of 2,6-Diacetylpyridine"
Organic Letters, **2003**, 5(21), 3947-3949.

Panosyan, F. B.; Lough, A. J. and Chin, J. "{2,6-Bis[(4R)-(+)-4-isopropyl-4,5-dihydro-1,3-oxazol-2-yl]pyridine- κ^3N } dichlorozinc(II)"
Acta Crystallographica, **2003**, E59, m864-866.

Panosyan, F. B.; Lough, A. J. and Chin, J. "[{(S,S)-N-(1-{6-[1-(Dimethylamino)ethyl]-pyridin-2-yl}ethyl)-N,N-dimethylamine- κ^3N]dibromozinc(II)"
Acta Crystallographica, **2003**, E59, m827-829.

Panosyan, F. B.; Lough, A. J. and Chin, J. "{2,6-Bis[(4R)-(+)-4-isopropyl-4,5-dihydro-1,3-oxazol-2-yl]pyridine- κ^3N }trinitrocobalt(III) monohydrate"
Acta Crystallographica, **2003**, E59, m695-m697.

Panosyan, F. B. and I. W. J. Still "An efficient route to 5-iodo-1-methylimidazole: synthesis of xestomanzamine A"
Canadian Journal of Chemistry-Revue Canadienne De Chimie, **2001**, 79(7), 1110-1114.

Awards

2005	Canadian Leukemia Society Scholarship	(Queen's University)
2003	University of Toronto Open Fellowship	(University of Toronto)
2002	University of Toronto Open Fellowship	(University of Toronto)
1994	Dean's List in Academic Excellence	(University of Toronto)

Administrative Experience

1999-2000	co-President Association of Graduate Students and Assistants at Erindale (AGSAE)	<i>University of Toronto</i>
1999-2000	Member of the Erindale College Council	<i>University of Toronto</i>

Professional Experience

Course Marker

2001-2003	CHM361 Structural Biochemistry	<i>Dept. of Chemistry (University of Toronto)</i>
2001-2003	CHM347 Organic Chem. of Bio. Compounds	<i>Dept. of Chemistry (University of Toronto)</i>
1998-2001	CHM240/247Y Introduction to Organic Chemistry	<i>Dept. of Chemistry (University of Toronto)</i>

Supervision of fourth year thesis project students

1999-2000	Iain Watson, "Synthetic transformations of thiols and thiocyanates".
1999-2000	Patrick Osei-Owusu, "Carbon-carbon coupling using aryl thiocyanates".

Laboratory Demonstration

2001-2002	CHM 257 Qualitative Organic Chemistry	<i>Faculty of Pharmacy (University of Toronto)</i>
1997-2001	CHM 240Y Introduction to Organic Chemistry	<i>Dept. of Chemistry (University of Toronto)</i>
2001-2003	CHM 140/138Y	<i>Dept. of Chemistry (University of Toronto)</i>
1998-1999	Introduction to General Chemistry	<i>(University of Toronto)</i>
1999-2000	CHM 393Y Synthesis Laboratory (Organic & Inorganic)	<i>Dept. of Chemistry (University of Toronto)</i>

Computer Tutor

1997-1998	Willow Glen Elementary School	<i>(Peel Board of Education)</i>
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Organic Chemistry Research

1997 (summer)	Dr. I.W.J. Still	<i>(University of Toronto)</i>
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Automobile Transmission Technician

1990-1992	Transmission Division	<i>(Gomlas Transmissions)</i>
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