

CURRICULUM VITA FOR IMIN CHEN

Department of Mathematics
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PERSONAL INFORMATION

Born 8 January 1970. Canadian citizen.

EDUCATION

D. Phil. in Mathematics, University of Oxford, 1996. Supervisor: Bryan Birch.

B.Sc. in Computing Science and Mathematics, Queen's University, 1992.

EMPLOYMENT

Associate Chair. Department of Mathematics, Simon Fraser University. May 2018–April 2021.

Professor (tenured). Department of Mathematics, Simon Fraser University. September 2019–present.

Associate Professor (tenured). Department of Mathematics, Simon Fraser University. September 2006–August 2019.

Assistant Professor (tenure-track). Department of Mathematics, Simon Fraser University. September 2000–September 2006.

Research Associate. Max-Planck-Institut-für-Mathematik. January–August 2000.

CICMA Postdoctoral Fellow. Department of Mathematics, Concordia and McGill Universities. September 1998–December 1999. Supervisor: Henri Darmon.

NSERC Postdoctoral Fellow. Department of Mathematics, UC Berkeley and McGill Universities. September 1996–August 1998. Supervisor: Henri Darmon and Andrew Ogg.

RESEARCH

General areas: Algebraic number theory, arithmetic geometry, representation theory.

Specific areas: Automorphic forms, diophantine problems, Drinfeld modules, elliptic curves, function fields, galois representations, generalized Fermat equations, \mathbb{Q} -curves, modular varieties, special functions.

RESEARCH GRANTS

NSERC Discovery Grant. *Modular varieties, generalized Fermat equations, and special functions*, 2017–2022.

NSERC Discovery Grant. *Modular varieties and diophantine problems*, 2009–2015.

NSERC RTI Grant. *Arithmetic Geometry and Number Theory computing support*, 2005–2006.

NSERC Discovery Grant. *Arithmetic and geometry of modular curves*, 2004–2009.

NSERC Discovery Grant. *Galois representations and congruence primes*, 2000–2004.

PUBLICATIONS

See iminchen.org.

TEACHING

See iminchen.org.

ACADEMIC SERVICE

Zentralblatt Math Reviewer, 2006–present.

MathSci Mathematical Reviews Reviewer, 1999–present.

Journal Refereeing: Acta Arith., Bull. LMS, Can. J. Math., Can. Math. Bulletin, Exp. Math., Int. J. Number Theory, IMRN, J. LMS, J. Number Theory, Math. Annalen, Math. Comp., Math. Res. Lett., Manuscripta Math., Math. Z., Proc. AMS.

ADMINISTRATIVE SERVICE

Departmental and University Administration

2019–present SFU Quantum Committee.

2018–2021 Associate Chair, Department of Mathematics; Chair, Teaching Assignment Committee; Search Committees; Mathematics, Statistics and Actuarial Science Space Plan Committee.

2017–2018 Departmental Tenure and Promotions Committee.

2012–present Library Liaison Representative.

On leave 2010.

2009–2010 Computing Support Committee, Graduate Studies Committee.

2008–2009 Computing Support Committee, Graduate Studies Committee, MSc Examination Committee.

2007–2008 Graduate Studies Committee, MSc Examination Committee.

2006–2007 Graduate Studies Committee, MSc Examination Committee.

2005–2006 Graduate Studies Committee, MSc Examination Committee, Business Calculus Textbook and Syllabus Committee.

2004–2005 Graduate Studies Committee (Co-Chair), Graduate Admissions Committee (Co-Chair), Departmental Tenure and Promotions Committee, NSERC Adjudication Committee.

2003–2004 Graduate Studies Committee (Co-Chair), Graduate Admissions Committee (Co-Chair), NSERC Adjudication Committee.

2002–2003 Graduate Studies Committee (Co-Chair), Graduate Admissions Committee (Co-Chair), Course Offerings Review Committee, NSERC Adjudication Committee.

2001–2002 Graduate Studies Committee, Search Committee.

2000–2001 Graduate Admissions Committee, Library Committee.

Other Administration

CMS Electronic Services Committee (2007–2009)

CMS Board of Directors (2005–2009)

CMS Endowment Committee (2003–2006)

PIMS Steering Committee (2000–2004)

STUDENTS

MSc Graduate Students

7. MSc, 2019–present, Andrew Cha.
6. MSc, 2015–2018, Shanzhao Wang.
5. MSc, 2014–2017, Parinaz Salari Sharif.
4. MSc, 2013–2016, Gleb Glebov.
3. MSc, 2004–2006, Hesam Abbaspour.
2. MSc, 2002–2006, Lisa Redekop.
1. MSc, 2001–2003, Beth Powell.

Undergraduate Students

7. NSERC USRA, 2021, Aisosa Efemwonkieke.
6. NSERC USRA, 2020, David Sun.
5. Mitacs SFU-IIT, 2019, Ritesh Goenka.
4. VPR USRA, 2019, Hyukho Kwon.
3. NSERC USRA, 2018, Marius Ticu.
2. NSERC USRA, 2002, Isabelle Major.
1. NSERC USRA, 2001, John Wedgewood.