

Name: Lawrence Man Hou Ein

email: ein@uic.edu

Education

Ph.D. 1981 University of California at Berkeley

B.A. 1976 University of California at Los Angeles

Employment

Spring 2009 Research Professor, Math Science Research Institute (Berkeley)

Fall 2009 Visiting Professor, University of Michigan

Fall 2008 LAS Distinguished Professor University of Illinois at Chicago

Summer 2007 Visiting Professor, University of Nancy

Fall 2002, Visiting Professor, Harvard University

Spring 2000, Visiting Professor, University of Michigan

Spring 2000, Visiting Professor, UCLA

Fall 1999, Visiting Professor, University of Hong Kong

1989-Present, Professor, Univ. of Illinois at Chicago

1987-1989, Associate Professor, University of Illinois at Chicago

1984-87, Assistant Professor, University of Illinois at Chicago

1982-84, C.L.E. Moore Instructor, Massachusetts Institute of Technology

1981-82, American Math Society Postdoctoral Research Fellow, Institute for Advanced Study (Princeton)

Professional Honors

American Mathematical Society Postdoctoral Research Fellowship, 1981.

Alfred P. Sloan Foundation Research Fellowship, 1986-89.

J. Clarence Karcher Lecture, Univ. of Oklahoma, Feb. 1987.

University Scholar, University of Illinois, 1992.

One Hour address AMS meeting at the University of Wisconsin, October 2002.

One Hour address AMS International meeting in Taiwan, December 2005.

Invited Speaker (45 minutes Lecture), International Congress of Mathematics, August 2006.

LAS Distinguished Professor, University of Illinois at Chicago, 2008-present.

Research Professor, MSRI, Berkeley, Spring 2009

Bourbaki Seminar Talk (by B. Totaro, 2010) on my joint work with de Fernex and Mustata on the ACC conjecture

Fellow of the American Mathematical Society, 2012.

Editorship

Transactions and the Memoirs of the American Mathematical Society 1995-2003.

Communications in Algebra 1995-present.

Geometria Dedicata 2004-2013.

Serdica Mathematical Journal 2004-present.

Professional Activities

NSF Postdoctoral Fellowship Panel 2000 -2002.

NSF Grants Review Panels, 2000, 2004, 2005, 2009, 2011.

Canadian NSERC review panel 2007-2010

Review for the European Research Council (2009)

Review for the Hong Kong Research Council (2005, 2007, 2009, 2011, 2013, 2014).

Summer Workshops

NCTS Workshop in Algebraic Geometry, June 22-July 9 2004, National Tsinghua University, Taiwan (five lectures).

Cologne Workshop on multiplier ideals, June 2005. (the Main Lecturer)

Algebraic Geometry Conference (UIC), March 2012. (co-organizer)

Workshop on syzygies, Banff Research Center, July 2012 (co-organizer).

International conference on complex geometry, July 19-August 10, 2013. (speaker and co-organizer)

Grant Support

NSF Research Training Grant (RTG) in Algebraic Geometry and Arithmetic Geometry (2013-2018) Budget is about \$2,500,000. The primary purpose of this grant is to train graduate students and postdoctoral researchers in algebraic geometry and related areas at UIC. PI: Ein, coPI: Coskun, DeMarco, Marker, Popa and Takloo Bighash.

NSF Focus Research Group Grant (FRG) in Singularities and characteristic p algebraic

geometry (2013-2016). This is a joint project with University of Utah, University of Michigan and Penn State University. The total amount of the grant is about \$1,000,000. UIC's share of the budget is about \$150,000.

NSF grant 2010-2015. Budget is about \$450,000.

NSF grant (DMS 0700774) 2007-2010. about \$270,000.

NSF grant (DMS 0200278) 2002-2007 about \$380,000.

N.S.F. Summer Grants 1983-2002

Univ. Scholar University of Illinois 1992-1995

N.S.F. USA-France Travel Grant 1997-2000

Graduate Students

Seunghun Lee, 1993-98 (University Fellow (1996-97), Sloan Dissertation Fellowship (1997-98) Postdoctoral Fellowship at the Max Planck Institute and Korean Institute for Advanced Studies 1999-2001. Professor, Konkock University (Korea).

Tommaso de Fernex, 1999-2002 (University Fellow 2000-2001), Hildebrandt Assistant Professor (University of Michigan) (2002-2005), Assistant Professor (University of Utah) (2005-2008), Associate Professor (2009-). NSF CAREER Award (2010-2015).

Nero Budur, 1999-2003 (University Fellow 1999-2000), J. J. Sylvester Assistant Professor, Johns Hopkins University (2003-2006) Visiting Member of the Institute for Advanced Study (2006-2007), Assistant Professor (Notre Dame 2007- Present), Associate Professor (2013-) Associate Professor (University of Leuven).

Chan Kung Ho, 2000-2007, Postdoctoral fellowship at Korean Institute of Advanced Study.

Roi Docampo Alvarez (Fullbright Fellowship, 2003-2005), Wyllie Research Assistant Professor (University of Utah, 2010-2013). Postdoctoral Fellow (IMPA, 2013- present).

Wenbo Niu, Golomb Assistant Professor (Purdue University), 2011- 2014. Research Assistant Professor (Notre Dame University 2014- present).

ChiChi Chu, (Research Assistant Professor, University of Washington, 2014-present).

Lei Song, (Research Assistant Professor, Univeristy of Kansas 2014-present).

Weidong Zheng , current graduate student at UIC.

Dylan Moreland, current graduate student at Northwestern,

Administrative and Committee Service

Department.

Head of the Department of Mathematics, Statistics and Computer Sciences at UIC (2011-2014).

Director of Graduate Studies 1995-98, 2009

Pure Math Committee (2008)

Advisory Committee (elected), 1986-88

Graduate Studies Committee, 1986-87 95-98, 2008, 2009

Undergraduate Advising Committee, 2012-.

Faculty Appointment Committee, 1991-1993, 2000, 2001, 2006

Salary Committee, 1999; 2001, 2011

Admission and Fellowship Committee, 2001-2005, 2008, 2009, 2010

Colloquium chair, 2001-2002, 2007

College and University Committee

Graduate College Awards and Fellowship Committee, 1997-99

Award Committee for the Foreign Students Service

LAS Executive Committee 2010.

Academic Priority Task Force (LAS)(2010)

Chair of the Committee reviewing the Head of the Biology Department (2010)

Head Search Committee for the Department of Psychology (2011)

Reference Letters can be obtained from:

A. Beauville (University of Nice), D. Eisenbud (University of California at Berkeley), W. Fulton (University of Michigan), J. Kollar (Princeton), Yum Tong Siu (Harvard).