Curriculum Vitae

Victoria Gitman

Mathematics Department
New York City College of Technology, The City University of New York (CUNY)
300 Jay Street, Brooklyn, NY 11201
vgitman@nylogic.org
http://websupport1.citytech.cuny.edu/faculty/vgitman

Academic Interests

Mathematical Logic:

Set theory – forcing, large cardinals, inner model theory
Models of Peano Arithmetic – properties of uncountable models

Appointments

Assistant Professor in Mathematics *(tenure-track)*, CUNY New York City College of Technology, 2007-present.

Adjunct Lecturer in Mathematics, CUNY Brooklyn College, 2003-2006.

Professional Development

Ph.D. in Mathematics, CUNY Graduate Center, 2007, supervisor: Joel David Hamkins.
B.S. in Mathematics, CUNY Brooklyn College, 2001.

Publications

A model of the multiverse axioms (with Joel David Hamkins). In progress, 2009.
Inner models with large cardinal features usually obtained by forcing (with Arthur Apter and Joel David Hamkins). In progress, 2009.
Indestructibility for Ramsey-like cardinals (with Thomas Johnstone). In progress, 2009.
Ramsey like cardinals II (with Philip Welch). Submitted, 2009.
Ramsey-like cardinals. Submitted, 2009.
Proper and piecewise proper families of reals. **Mathematical Logic Quarterly** 55(5):542-550, 2009.
Scott's Problem for proper Scott sets. **The Journal of Symbolic Logic**, 73(3):845–860, 2008.

Grants and Awards

PSC CUNY Grant, The City University of New York, 2008-2009.
ADVANCE-IT CATALYST Grant, National Science Foundation, co-PI, HRD-0811192, 2008-2010 ($195,000).
NSF-AWM Mentoring Travel Grant, Association for Women in Mathematics, 2008.
Conference Organization Grant, National Science Foundation, co-PI, Award No. DMS-0758054, 2008.
Doctoral Student Research Grant, The City University of New York, 2007-08.
Mario Capelloni Dissertation Fellowship, CUNY Graduate Center, 2006-07.
Graduate Teaching Fellowship, CUNY Graduate Center, 2001-2003.

Invited Research Stays

Invited Participant, **ESI workshop on large cardinals and descriptive set theory,** Erwin Schrödinger International Institute for Mathematical Physics, Vienna, Austria, Jun 2009.
Invited Researcher, **Bristol University** (host: Philip Welch), Bristol, UK, Jun 2008.

Invited Researcher, **Rutgers University** (host: Saharon Shelah), New Jersey, Sep 2007.
Invited Researcher, **Notre Dame University** (host: Julia Knight), Indiana, Feb 2007.

Invited Talks

CUNY Logic Workshop, CUNY Graduate Center, New York, Dec 2009.
ESI workshop on large cardinals and descriptive set theory, Erwin Schrödinger International Institute for Mathematical Physics,Vienna, Austria, Jun 2009.
Bristol Logic Seminar, Bristol University, Bristol, United Kingdom, Jun 2008.
Bronx Community College Mathematics Seminar, CUNY Bronx Community College, May 2008.
Rutgers Logic Seminar, Rutgers University, New Jersey, Oct 2007.
CUNY Logic Workshop, CUNY Graduate Center, New York, Oct 2007.
Association for Symbolic Logic (ASL) Logic Colloquium, Wroclaw, Poland, Jul 2007.
Notre Dame Logic Seminar, Notre Dame University, Indiana, Feb 2007.

Contributed Talks

Association for Symbolic Logic Winter Meeting, Washington, DC, Jan 2009.

CUNY Seminars 2008-09

Ramsey and virtually Ramsey cardinals, **CUNY Set Theory Seminar**, CUNY Graduate Center.
Weakly compact cardinals are not downward absolute to L, **CUNY Set Theory Seminar**, CUNY Graduate Center.
Gödel's Proof, **C-LAC Seminar**, CUNY New York City College of Technology.
On the Gitik-Shelah indestructibility for strong cardinals, **CUNY Set Theory Seminar**, CUNY Graduate Center.

Synergistic Activities

Co-organizer of the **C-LAC (Center for Logic, Algebra, and Computation) Seminar** (with Andrew Douglas, Delaram Kahrobaei), CUNY New York City College of Technology, 2008-09.

Co-organizer of the **second NYWIMN Conference** (with Delaram Kahrobaei), May 2008.

Co-organizer of the **first NYWIMN Conference** (with Delaram Kahrobaei), Dec 2006.

Co-founder of **New York Women in Mathematics Network** (NYWIMN, with Delaram Kahrobaei), 2006.

Supervising student projects at the CUNY New York City College of Technology:

E. Elshamy, **Building a blogging platform**, supported by the Emerging Scholars Fellowship, Fall 2009.
E. Elshamy, **Exploring theoretical computability**, supported by NSF-LSAPM, 2008-09.
H. Li, **Exploring dynamical systems through theory and experiment,** supported by the Emerging Scholars Fellowship, Fall 2008.
J. Daley, **Exploring dynamical systems through theory and experiment,** supported by the Emerging Scholars Fellowship, Fall 2008.
E. Diaz, **Exploring dynamical systems through theory and experiment**, supported by NSF-LSAPM, Summer 2008.
E. Elshamy, **Julia Robinson: a pioneer in logic and life**, supported by the Emerging Scholars Fellowship, Spring 2008.