

THE NOVA SCOTIAN INSTITUTE OF SCIENCE STUDENT SCIENCE AWARDS 2005

Purpose

To provide an opportunity for students to have their work recognized by a scientific society and to have it considered for publication in a peer-reviewed scientific journal.

Eligibility

The competition is open to any student currently enrolled in a degree program at a recognized educational institution.

Categories and prizes

Undergraduate student

Three broad categories for competition:

Environmental Sciences	e.g. terrestrial ecology, marine biology atmospheric sciences, earth sciences etc.
Life Sciences	e.g. animal and plant cell biology, medical sciences, biochemistry, physiology etc.
Physical Sciences	e.g. physics, chemistry, engineering, mathematics, computer science etc.

Three undergraduate prizes are available in each of these three categories:

1st prize	\$200 plus one year's membership to NSIS
2nd prize	\$100 plus one year's membership to NSIS
3rd prize	one year's membership to NSIS

Graduate Student

Any discipline

Single prize of \$500 plus one year's membership to NSIS

Scientific Writing

For an article written by a student in a non-scientific discipline

Subject must be relevant to science in Nova Scotia

Single prize of \$200 plus one year's membership to NSIS

STUDENT SCIENCE AWARDS 2005

The Graduate Student Prize was awarded to:

David M. Conrad

PhD Student Microbiology and Immunology
Dalhousie University

for

“Clear as mud: the type I/type II model for death
receptor-induced apoptosis”

The Graduate Student Special Prize for High Merit was awarded to:

Jane E. Tougas

Masters Student Computer Science
Dalhousie University

for

“A comparison of methods for modifying the partial singular value
decomposition in latent semantic indexing”

The Undergraduate Student Prize in the Life Sciences

was awarded to:

Mark Wall

BSc Student Chemistry
University College of Cape Breton

for

“Growth and phenylalanine ammonia lyase activity of *Rhodotorula
glutinis*: optimization of conditions for the synthesis of L-phenylalanine”

The Undergraduate Student Prize in the Physical Sciences

was awarded to:

Jackie Glister

BSc Student Physics
Saint Mary's University

for

“Design study of novel light geometry for scintillation counters”

The Scientific Writing Prize was awarded to:

Jennifer Paterson

School of Journalism
University of King's College

for

“Rational drug design: a window into the ambitious quest of a
neurologist and chemist”