

# 2017 STUDENT COMPETITIONS / COMPÉTITIONS ÉTUDIANTES 2017

(SEE EXTENDED ABSTRACTS OF THE WINNERS ON PAGES 176-189 PLUS PHOTOS ON PAGE 175 /  
VOIR LES RÉSUMÉS DES GAGNANTS AUX PAGES 176-189 ET PHOTOGRAPHIES A LA PAGE 175)

The Canadian Association of Physicists has established these awards to recognize student members giving the best oral and poster research presentations at the annual CAP Congress. Up to three awards in each category, each consisting of a certificate of recognition and a cash prize, are made each year. In addition, a number of CAP Divisions offer prizes for the best student presentations at the divisional level. Eligibility, selection procedure, and selection criteria for the competitions are available through the Congress website each year.

L'Association canadienne des physiciens et physiciennes a créé ces prix afin de récompenser les membres étudiants auteurs des meilleures communications au congrès annuel. Elle décerne tous les ans un maximum de trois prix dans chaque catégorie, chacun consistant d'un certificat de mérite et d'une somme. De plus, plusieurs divisions offrent des prix pour leurs meilleures présentations étudiantes. Admissibilité, modalités et critères de sélection pour les prix sont sur le site web de l'ACP.

## CAP DIVISION PRIZES / PRIX DES DIVISIONS DE L'ACP

Division prizes included a cash prize of \$200 for first, \$100 for second, and \$50 for third. /  
*Les prix des divisions incluent une somme de 200 \$ (1er), 100 \$ (2e) et 50 \$ (3e).*

### ATMOSPHERIC AND SPACE PHYSICS

PLACEMENT	NAME / AFFILIATION
Oral-First	Lindsay Goodwin, University of Saskatchewan

### ATOMIC, MOLECULAR AND OPTICAL PHYSICS, CANADA

PLACEMENT	NAME / AFFILIATION
Poster-First	Chris Gustin, Queen's University
Poster-Second	Sai Sreesh Venuturumilli, University of Waterloo
Oral-First	Chris Pugh, University of Waterloo
Oral-Second	Nafiseh Sang-Nourpour, University of Calgary

### CONDENSED MATTER AND MATERIALS PHYSICS

PLACEMENT	NAME / AFFILIATION
Poster-First	Sanyasi Rao Bobbara, Queen's University
Oral-First	Jean-Christophe Ono-dit-Biot, McMaster University
Oral-Second	Carolyn Cadogan, University of Western Ontario
Oral-Third	Sarah Dawson, McMaster University

### NUCLEAR PHYSICS

PLACEMENT	NAME / AFFILIATION
Oral-First	Justine Joyce Munich, Simon Fraser University
Oral-Second	Anish Verma, Simon Fraser University

### PARTICLE PHYSICS

PLACEMENT	NAME / AFFILIATION
Poster-First	Andrew Erlandson, Canadian Nuclear Labs
Poster-Second	Carl Rethmeier, Carleton University
Oral-First	Pawel Mekarski, University of Alberta
Oral-Second	Daniel Durnford, Queen's University
Oral-Third	Gabriel Magill, McMaster University
Oral-HM	Joseph McLaughlin, Queen's University
Oral-HM	Ingrida Semenec, Laurentian University
Oral-HM	Connor Stone, Queen's University

### PHYSICS EDUCATION, SURFACE SCIENCES, INSTRUMENTATION & MEASUREMENT

PLACEMENT	NAME / AFFILIATION
Oral-First	William Lemire, Université de Sherbrooke
Oral-Second	Matt Bumstead, McMaster University

### PHYSICS IN MEDICINE AND BIOLOGY

PLACEMENT	NAME / AFFILIATION
Poster-First	Houzieh Exir, University of Ottawa
Oral-First	Adree Khondker, McMaster University
Oral-Second	Richard Alsop, McMaster University
Oral-Third	Kenneth Blahut, Ryerson University

### THEORETICAL PHYSICS

PLACEMENT	NAME / AFFILIATION
Oral-First	Robie Hennigar, University of Waterloo
Oral-Second	Keith Ng, University of Waterloo

**WOMEN IN PHYSICS**

PLACEMENT	NAME / AFFILIATION
Poster	Hourieh Exir, University of Ottawa

**CAP AWARDS - POSTER**

Poster prizes included a certificate of recognition and a cash award of \$400, \$200, and \$100 respectively for the top three placements sponsored by Canadian Science Publishers.



2017 CAP Poster Award Recipients and Honourable Mentions (one absent from photo).

PLACEMENT	NAME / AFFILIATION
First	Carl Rethmeier, Carleton University
Second (tie)	Jack Davis, University of Waterloo
Second (tie)	Hourieh Exir, University of Ottawa
Finalist - HM	Sanyasi Rao Bobbara, Queen's University
Finalist - HM	Sai Sreesh Venuturumilli, University of Waterloo

**CAP AWARDS - ORAL PRESENTATIONS**

Oral prizes included a certificate of recognition, and a cash award of \$400, \$200, and \$100 respectively for the top three placements sponsored by Wiley.



2017 CAP Oral Award Recipients and Honourable Mentions (three absent from photo).

PLACEMENT	NAME / AFFILIATION
First	Jean-Christophe Ono-dit-Biot, McMaster University
Second (tie)	Adree Khondker, McMaster University
Second (tie)	Justine Joyce Munich, Simon Fraser University
Finalist - HM	Lindsay Goodwin, University of Saskatchewan
Finalist - HM	Robie Hennigar, University of Waterloo
Finalist - HM	Chris Pugh, University of Waterloo
Finalist - HM	Pawel Mekarski, University of Alberta

Thanks to the CAP competition sponsors / Merci au commanditaire de la compétition de l'ACP:

Canadian Science Publishing

and

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and to the CAP's Vice-President Elect at that time, Dr. Bruce Gaulin of McMaster University, and all of the judges for their extraordinary efforts in organizing this event. Our thanks are also extended to all competitors.