

# 2018 STUDENT COMPETITIONS / COMPÉTITIONS ÉTUDIANTES 2018

(SEE EXTENDED ABSTRACTS OF THE WINNERS ON PAGES 119-130 PLUS PHOTOS ON PAGE 118 / VOIR LES RÉSUMÉS DES GAGNANTS AUX PAGES 119-130 ET PHOTOGRAPHIES À LA PAGE 118)

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).

### CAP DIVISION STUDENT POSTER AWARDS

ATOMIC, MOLECULAR AND OPTICAL PHYSICS, CANADA	
PLACEMENT	NAME / AFFILIATION
1st Place	Sébastien Slaman, University of Waterloo

ATMOSPHERIC AND SPACE PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Jordan Grattan, University of New Brunswick
2nd Place	Alex Cushley, Royal Military College of Canada

CONDENSED MATTER AND MATERIALS PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Nicholas Ilow, Dalhousie University
2nd Place	Md Meraj Alam, Université du Québec à Trois-Rivières
3rd Place	Mohammad Reza Aziziyan, Sherbrooke University

PHYSICS IN MEDICINE AND BIOLOGY	
PLACEMENT	NAME / AFFILIATION
1st Place	Micheal Hupman, Dalhousie University
2nd Place	Yanitza Trosel, Memorial University of Newfoundland

PARTICLE PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Sarah Nowicki, University of Alberta

WOMEN IN PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Sarah Nowicki, University of Alberta

### CAP OVERALL BEST STUDENT POSTER AWARDS

PLACEMENT	NAME / AFFILIATION
1st Place	Nicholas Ilow, Dalhousie University
2nd Place	Sarah Nowicki, University of Alberta
3rd Place	Sébastien Slaman, University of Waterloo

HONOURABLE MENTIONS	
NAME / AFFILIATION	
Jordan Grattan, University of New Brunswick	
Michael Hupman, Dalhousie University	

### CAP DIVISION BEST STUDENT ORAL PRESENTATION AWARDS

ATMOSPHERIC AND SPACE PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Melanie Hammer, Dalhousie University
2nd Place	Mathieu Perron-Cormier, Université de Montréal
3rd Place	Candice Quinn, University of Calgary

ATOMIC, MOLECULAR AND OPTICAL PHYSICS, CANADA	
PLACEMENT	NAME / AFFILIATION
1st Place	Andrew Evans, University of Calgary

CONDENSED MATTER AND MATERIALS PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Carmen Lee, McMaster University
2nd Place	John Niven, McMaster University
3rd Place	Daniel Korchinski, University of Calgary

PHYSICS EDUCATION AND APPLIED PHYSICS AND INSTRUMENTATION	
PLACEMENT	NAME / AFFILIATION
1st Place	Amy-Rae Gauthier, University of New Brunswick

PHYSICS IN MEDICINE AND BIOLOGY	
PLACEMENT	NAME / AFFILIATION
1st Place	Kyla Marie Smith, University of Manitoba

NUCLEAR PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Eleanor Dunling, University of York
2nd Place (tie)	Ryan Ambrose, University of Regina
2nd Place (tie)	Satbir Kaur, Dalhousie University

PARTICLE PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Eleanor Fascione, Queen's University
2nd Place	Savino Longo, University of Victoria
3rd Place	Robert Les, University of Toronto

THEORETICAL PHYSICS	
PLACEMENT	NAME / AFFILIATION
1st Place	Robie Hennigar, University of Waterloo
2nd Place	Bradley Cownden, University of Manitoba
3rd Place	Wyatt Kirkby, McMaster University

#### CAP OVERALL BEST STUDENT ORAL PRESENTATIONS

PLACEMENT	NAME / AFFILIATION
1st Place	Amy-Rae Gauthier, University of New Brunswick
2nd Place	Carmen Lee, McMaster University
3rd Place	Melanie Hammer, Dalhousie University

HONOURABLE MENTIONS	
NAME / AFFILIATION	
Eleanor Duning, University of York/TRIUMF	
Andrew Evans, University of Calgary	
Eleanor Fascione, Queen's University	
Robie Hennigar, University of Waterloo	
Kyla Smith, University of Manitoba	



The CAP 2018 best student presentation award winners gather for a photograph with CAP Past President, Richard MacKenzie (far left) and CAP President, Bruce Gaulin (far right, back row).

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

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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.