

2016 STUDENT COMPETITIONS / COMPÉTITIONS ÉTUDIANTES 2016

(SEE EXTENDED ABSTRACTS OF THE WINNERS ON PAGES 109-125 PLUS PHOTOS ON PAGE 108 /
VOIR LES RÉSUMÉS DES GAGNANTS AUX PAGES 109-125 ET PHOTOGRAPHIES À LA PAGE 108)

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 \$ (1^{er}), 100 \$ (2^e) et 50 \$ (3^e).

ATMOSPHERIC AND SPACE PHYSICS / <i>PHYSIQUE ATMOSPHÉRIQUE ET DE L'ESPACE</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Bing Yang, U. of Calgary
Oral-Second	David Themens, U. of New Brunswick

ATOMIC, MOLECULAR AND OPTICAL PHYSICS, CANADA / <i>PHYSIQUE ATOMIQUE, MOLÉCULAIRE ET PHOTONIQUE, CANADA</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Rebecca Saaltink, U. of Ottawa
Oral-Second	Matthew Runyon, U. of Ottawa
Oral-Third	Christopher DiLoreto, U. of Windsor
Poster-First	Parisa Zarkeshian, U. of Calgary
Poster-Second	Domenico Bongiovanni, INRS

CONDENSED MATTER AND MATERIALS PHYSICS / <i>PHYSIQUE DE LA MATIÈRE CONDENSÉE ET MATÉRIAUX</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Carolyn Cadogan, U. of Western Ont.
Oral-Second (tie)	Andrew James Macdonald, U. of British Columbia
Oral-Second (tie)	Ye Li, U. of Western Ontario
Poster-First	Joyprokash Chakrabartty, U. du Québec / INRS
Poster-Second	Christopher Pashartis, McMaster U.

INSTRUMENTATION AND MEASUREMENT / <i>INSTRUMENTS ET MESURES</i>	
PLACEMENT	NAME/AFFILIATION
Best Overall	Ryan Bolen, U. of Ottawa

NUCLEAR PHYSICS / <i>PHYSIQUE NUCLÉAIRE</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Steffen Cruz, U. of British Columbia
Oral-Second	Christina Burbadge, U. of Guelph

PARTICLE PHYSICS / <i>PHYSIQUE DES PARTICULES</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Jennifer Mauel, Queen's U.
Oral-Second	Chanpreet Amole, Queen's U.
Oral-Third	Paul Smith, U. of Saskatchewan

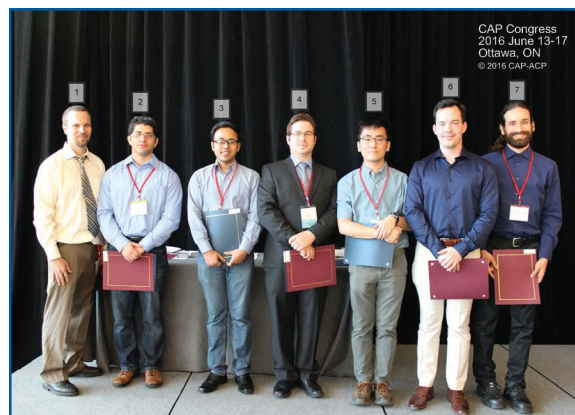
PHYSICS IN MEDICINE AND BIOLOGY / <i>PHYSIQUE EN MÉDECINE ET EN BIOLOGIE</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	David Sean, U. of Ottawa
Oral-Second	Qinrong Zhang, U. of Waterloo
Oral-Third	Sebastian Himbert, McMaster U.
Poster-First	Benjamin Barlow, U. of Ottawa

THEORETICAL PHYSICS / <i>PHYSIQUE THÉORIQUE</i>	
PLACEMENT	NAME/AFFILIATION
Oral-First	Robie Hennigar, U. of Waterloo
Oral-Second	Alexander Smith, U. of Waterloo
Oral-Third	Michelle Przedborski, Brock U.
Poster-First	Keith Ng, U. of Waterloo

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 the CAP.

PLACEMENT	NAME/AFFILIATION
First	Brian Kootte, U. of Manitoba / TRIUMF
Second	Benjamin Barlow, U. of Ottawa
Third	Alexandre Le Blanc, Laurentian U.
Finalist-HM	Ryan Bolen, U. of Ottawa
Finalist-HM	Domenico Bongiovanni, INRS
Finalist-HM	Joyprokash Chakrabarty, U. du Québec / INRS



2016 CAP and Division Poster Award Recipients: 1) Ryan Bolen, 2) Domenico Bongiovanni, 3) Joyprokash Chakrabarty, 4) Benjamin Barlow, 5) Keith Ng, 6) Alexandre Le Blanc, 7) Brian Kootte. Absent from the photo: Parisa Zarkeshian, Christopher Pashartis.

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. Wiley also offered book prizes to each of the eight finalists.

PLACEMENT	NAME/AFFILIATION
First	David Sean, U. of Ottawa
Second	Jennifer Mael, Queen's U.
Third	Rebecca Saaltink, U. of Ottawa
Finalist-HM	Carolyn Cadogan, U. of Western Ontario
Finalist-HM	Steffen Cruz, U. of British Columbia
Finalist-HM	Robie Hennigar, U. of Waterloo
Finalist-HM	Ye Li, U. of Western Ontario
Finalist-HM	Bing Yang, U. of Calgary



2016 CAP and Division Oral Award Recipients: 1) Alexander Smith, 2) Robie Hennigar, 3) Michelle Przedborski, 4) Paul Smith, 5) Bing Yang, 6) Chanpreet Amole, 7) Jennifer Mael, 8) Matthew Runyon, 9) Christopher DiLoreto, 10) Andrew James Macdonald, 11) Rebecca Saaltink, 12) Steffen Cruz, 13) Sebastian Himbert, 14) Carolyn Cadogan, 15) Qinrong Zhang, 16) Ye Li, 17) David Sean, 18) Christina Burbadge. Absent from the photo: David Themens.

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

Wiley

and to the DPMB competition sponsor / *et au commanditaire de la compétition de la DPMB:*

Bruker

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