

IMPROVING THE CLIMATE FOR WOMEN IN PHYSICS

A special event organized by the Committee to Encourage Women in Physics

CAP Congress
Monday, June 14; 5:00 pm
Delta Hotel; Colbourne Room
Reception to Follow**BARBARA L. WHITTEN**, Colorado College*What Works for Women in Undergraduate Physics?*

The participation of women in physics has increased in recent years, but the percentage of women in undergraduate physics is still less than half that in mathematics and chemistry. This is due in large part to the "leaky pipeline"—women become more scarce in physics with every step up the academic ladder. The largest decrease occurs between high school physics and college graduation, so it is worthwhile to look at how undergraduate physics departments try to make women comfortable. With a team of women physicists, I visited nine undergraduate physics departments in the US. We compared those that are successful in producing a large percentage of women majors (about 40%) with those that are more typical of the national average (about 20%). We found that the most important factor is a warm and female-friendly department culture that reaches out to introductory students. I'll discuss the factors that make up a female-friendly culture, and describe other results of our research.

NEW FACULTY LUNCHEON / DÉJEUNER POUR LES NOUVEAUX PROFESSEUR(E)S

PRIVATE DINING ROOM, DELTA HOTEL, WINNIPEG

We extend a special invitation to new Faculty members to attend the CAP Congress, to be held at the Delta Hotel in Winnipeg, Manitoba, from the 13th to the 16th of June 2004. The CAP Congress is a unique opportunity to meet and hear colleagues from universities across Canada, and to discover a part of our country. For new Faculty members who choose to attend the Congress, we have organized a special luncheon at 12:30 p.m. on Wednesday, June 16th. This luncheon will be hosted by the CAP's Director of Academic Affairs. NSERC representatives will give a short presentation followed by a question period and a round table discussion of issues of interest to new professors.

If you would like to attend, please let us know by e-mail at cap@physics.uottawa.ca. We welcome any suggestions regarding information that you would like to obtain from NSERC, or topics that you would like to hear discussed at the round table.

I hope to see you in Winnipeg.

Mike Morrow, P.Phys.
Vice President of the CAP

N.B. A new professor is any regular Faculty member who started after December 31st, 2002.

Nous lançons une invitation spéciale aux nouveaux professeurs d'assister au Congrès de l'ACP à l'Hôtel Delta, Winnipeg, Manitoba du 13 au 16 juin. Le Congrès de l'ACP est une occasion unique de rencontrer et d'écouter vos collègues des autres universités canadiennes, en plus de découvrir un joli coin de notre pays. Pour les nouveaux professeurs, qui assisteront au Congrès, nous avons aussi organisé un déjeuner spécial à 12h30 le mercredi 16 juin. Le déjeuner sera animé par le Directeur des affaires académiques de l'ACP. Des représentants du CRSNG vont faire une courte présentation sur les programmes disponibles aux professeurs de physique au Canada et demeureront pour répondre à vos questions. La discussion sera suivie d'une table ronde sur les sujets d'intérêt aux nouveaux professeurs.

Si vous aimeriez assister au déjeuner, veuillez nous le laisser savoir en envoyant un courrier électronique à cap@physics.uottawa.ca. Toutes les suggestions que vous auriez sur les sujets que vous aimeriez entendre discuter par les représentants du CRSNG ou à la table ronde seront bienvenues.

J'espère vous voir à Winnipeg.

Mike Morrow, phys.
Vice-Président de l'ACP

N.B. Un nouveau professeur est tout professeur régulier qui est entré en fonction après le 31 décembre 2002.

NSERC Workshop

Monday/Lundi, June 14 juin

16h00 ; Room/salle Strathcona

Tips to Prepare Your Next Discovery Grant Application

Conseils pour l'élaboration de votre prochaine demande de subvention à la découverte

NSERC staff and Grant Selection Committee members will present an interactive overview of the peer review process, inform you of the latest changes at NSERC, give useful advice for the preparation of your next NSERC application and answer your questions on the functioning of grant selection committees. The workshop is open to all researchers. It will be particularly helpful to new faculty members and researchers likely to apply (or re-apply) in the fall.

Des employés du CRSNG et des membres des comités de sélection des subventions du CRSNG donneront une présentation en mode interactif sur le processus d'évaluation par les pairs, vous renseigneront sur les derniers changements opérés au CRSNG, vous donneront des conseils utiles pour l'élaboration de votre prochaine demande de subvention au CRSNG et répondront à vos questions sur le fonctionnement des comités de sélection des subventions. Tous les chercheurs peuvent participer à l'atelier, qui sera particulièrement utile aux professeurs et aux chercheurs récemment embauchés qui comptent soumettre une demande (ou une nouvelle demande) à l'automne.

WORLD YEAR OF PHYSICS - 2005 - ANNÉE MONDIALE DE LA PHYSIQUE



2005 has been designated the World Year of Physics. Physical societies around the globe will be arranging and/or coordinating events to celebrate the 100th anniversary of the publishing of Einstein's three famous papers. The central theme for the year is Public Outreach. Check out the CAP's WYP2005 website at <http://www.cap.ca> for more information.

Anyone who is planning a physics-related event during 2005 is invited to submit information about the event -- including date, location, and contact details for more information -- to the CAP office at cap@physics.uottawa.ca for inclusion on the central website.

In 2005, the CAP will be celebrating its 60th anniversary. Special events will be organized at the 2005 CAP Congress at the University of British Columbia to celebrate both of these special occasions.

A planning meeting of the WYP2005 Organizing Committee will be held at 3:00 p.m. on Tuesday, June 15th in the Heartland Boardroom of the Delta Hotel in Winnipeg. Anyone interested in WYP2005 events is welcome to attend.

CALENDAR / CALENDRIER

2004 June 6-9	25th Annual Conference of the Canadian Nuclear Society, Marriott Eaton Centre Hotel, Toronto, Ontario, Canada. Visit www.cns-snc.ca
2004 June 10-14	CCWEST 2004 Conference, Brock University, St. Catharines, Ontario. Visit http://www.brocku.ca/fms/ccwest2004
2004 June 21-23	64th Annual Physical Electronics Conference, University of California at Davis. Visit http://www.physicalelectronics.org/
2004 July 2-6	6th EPS Liquid Matter Conference, Utrecht. Visit www.liquids2005.nl .
2004 Aug. 16-22	32nd International Conference on High Energy Physics (ICHEP04), Beijing, China. Visit www.ichep04.ihep.ac.cn
2004 Aug. 18-21	2004 Crystallography at High Pressure Workshop, Canadian Light Source, Saskatoon, Saskatchewan, Canada. Visit www.lightsource.ca/iucr2004/ .
2004 Sept. 6-10	12th International Conference on the Physics of Highly Charged Ions, Villinius, Lithuania. Visit www.itpa.IT/hci2004/ or contact hci2004@itpa.it .
2004 Sept. 27-29	Photonics North, Ottawa Congress Centre, Ottawa, Ontario. Visit www.spie.org/info/pn
2005 July 11-15	EPS13 - 13th General Conference of the European Physical Society (WYP2005 event), University of Bern, Bern, Switzerland. Visit http://www.eps13.org