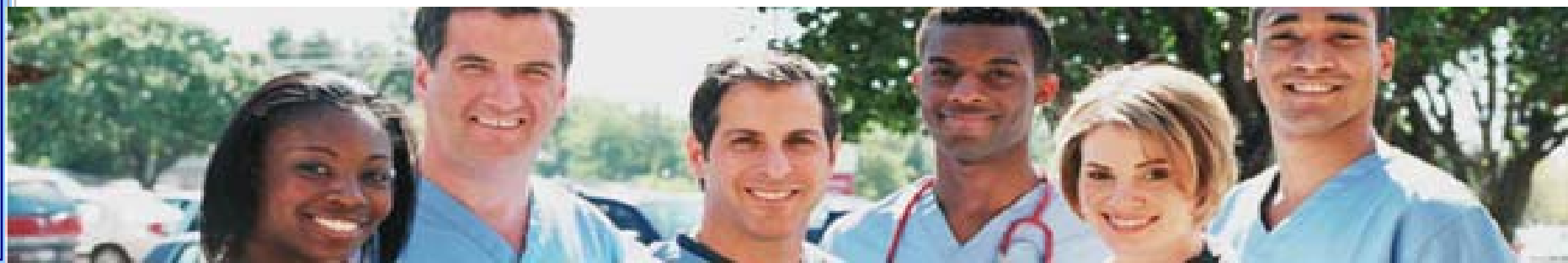


Report from Advanced Education and Training Opportunities Advisory Committee (AETOAC): Development of Highly Qualified Personnel (HQP)

Dr. Chris Mody, AETOAC Chair
Professor and Chief, Division of Respiriology
University of Calgary
Tuesday, February 17, 2009



Development of HQP

NCE Goal:

- To train and retain outstanding researchers in areas and technologies critical to Canadian productivity, economic growth, public policy and quality of life
- Training strategies that promote multidisciplinary and multi-sectoral research approaches and encourage trainees to consider the economic, social and ethical implications of their work

AllerGen HQP Strategic Goal

Create new opportunities for the training of highly qualified personnel in allergy research, patient care, innovation and the health system, and advance professional and lay knowledge about allergic and related immune diseases

Ref: AllerGen Strategic Plan 2008-2012

AETOAC Mandate

Created by the Network Research Management Committee (RMC):

- To advise the RMC on how to increase the pool of highly qualified personnel
- To recommend programming that will increase the knowledge, skills and ability available in Canada to conduct and apply cutting-edge research in the area of allergy and asthma and related immune disease
- To oversee implementation of the Network's HQP programming

AETOAC Members

- **Chris Mody (Chair)**, Professor and Chief, Division of Respiriology, University of Calgary
- **Judah Denburg**, Scientific Director & CEO of Allergan NCE Inc.
- **Thomas Issekutz**, Professor of Pediatrics and Microbiology and Immunology , Dalhousie University
- **Oxana Latycheva**, Vice President (Programming), Asthma Society of Canada
- **Irvin Mayers**, Professor and Head of Pulmonary Medicine, University of Alberta
- **Michelle North**, President, Allergan Student and New Professionals Network (ASNPN)
- **Danuta Radzioch**, Professor, Centre for the Study of Host Resistance, Montreal General Hospital
- **Susan Wasserman**, Associate Professor of Medicine, McMaster University
- **Diana Royce**, Managing Director & COO of Allergan NCE Inc. (*ex officio*)

Key HQP Accomplishments

- Total HQP working on Allergan research = 197 Jan 2009
 - 143 trainees : (PDF, 43; MD, 10; PhD, 28; Masters, 44; Undergrad, 18)
 - 54 research and technical staff working on Network research and eligible for Network training and travel award opportunities
- Allergan Student and New Professionals Network
Support for ASNPN events and communications tailored for Allergan trainees – Most recent meeting February 14, 2009
- Annual national Trainee Symposium
06, 07, 08 completed / 1 planned May 3-5, 2009, Montreal)
- Awards and Capacity-building opportunities

HQP Accomplishments - Awards

- **AllerGen/Bayer Inc./CAAIF Immunodeficiency and Immunomodulation of Allergic Inflammation Clinician-Scientist Research Fellowship (one non-renewable award completed April 2008)**
- **Canadian Allergy and Immune Diseases Advanced Training Initiative (CAIDATI) Award:**
 - **4 trainees currently supported**
 - **New awards round launched December 2009 (applications deadline February 20, 2009)**
- **AllerGen/Canadian Lung Association/Canadian Thoracic Society Clinician Scientist Research Fellowship**
 - **Joint launch of new awards round November 2009**
 - **Applications deadline January 30, 2009**
 - **Two applications to be peer reviewed jointly by AETOAC and by CLA/CTS Research Committee**

HQP Accomplishments - Awards

- MITACS NCE Accelerate Canada Graduate Research Internships in Industry: Programme available to AllerGen trainees effective October 2008
- Trainee and Investigator Travel Awards Programme (open for application year-round) as part of HQP Programming and, till March 31, 2009, as part of NCE-funded Pilot International Partnership Initiative

HQP Accomplishments – Capacity Building

Examples

- CIC technical workshops
- Physiological methods & use of animal models for asthma & food allergy research
- Genetics: analysis & strategies
- Flow cytometry
- Drug benefits for asthmatic children
- Environmental exposures
- Innate immunity
- New training and professional development opportunities for international clinicians and researchers to study in Canada (2 awards in 2008)



AllerGen

Allergy, Genes and Environment Network
Le réseau des allergies, des gènes et de l'environnement