

March 4, 2009

To: IUPHAR Executive Committee Report

From: Joan M. Lakoski, Ph.D.
Chair, Teaching Section

RE: Activity Report for the Teaching Section

The IUPHAR Teaching Section members and executive committee have focused efforts in enhancing pharmacology education through participation and leadership in a number of important activities as follows:

- 1) Members of the Teaching Section have been actively engaged in supporting both Phase I and Phase II activities of the Integrated Organ Systems Pharmacology (IOSP) initiative being lead by Dr. David Bylund (USA). This internationally focused IOSP has the potential to be of high impact to many of the members of the Teaching Section, particularly those in countries where resources for teaching in this area of pharmacology are limited. We are very pleased that Dr. Bylund has agreed to provide a presentation on this initiative at the upcoming Teaching Section Satellite Meeting scheduled for July 15-17, 2010 in Copenhagen, Denmark.
- 2) Dr. Christiaan Brink (ZA), Secretary of the Teaching Section, in consultation with the IUPHAR staff (Lynn LeCount) and the section executive committee members, has developed an outstanding plan for enhancing and upgrading the IUPHAR Teaching Section website (www.iuphar.org/sections/teaching/sec_teach.html). A letter of intent with a step-wise plan for achieving this upgrade is being prepared for submission and approval of Dr. S. J. Enna, Secretary-General of IUPHAR. Overall, this upgrade to the web site will enable national pharmacology societies and IUPHAR members, including those individuals teaching pharmacology, to have easier access to up-to-date resources in a more efficient, user-friendly manner.
- 3) The Teaching Section executive committee nominated Dr. Ian Hughes (UK) as a proposed Lecturer to Drs. Michael Mulvany and Kim Brosen, Secretary General and President, WorldPharma2010, respectively, for a keynote address on the topic of innovation in bioscience and pharmacology education. Dr. Hughes has long been recognized as an innovator in pharmacology education for which he has received numerous awards, including a current appointment as UK National Teaching Fellowship holder. We are hopeful of a favorable outcome to this recommendation for the 2010 meeting. (see Attachment A)

- 4) Members of the executive committee and several councilors of the Teaching Section, including Drs. Joan Lakoski (USA), David Dewhurst (UK), Christiaan Brink (ZA), Patangi Rangchari (CA), and Ewen MacDonald (FI) along with Drs. Brjane Fjalland (DK) and Simon Maxwell (UK) have been working to develop a Teaching Section Satellite Meeting scheduled for July 15-17, 2010 in Copenhagen, Denmark. Under the leadership of Program Co-Chairs Brink and Rangchari, an dynamic and interactive program has been developed that will be held at the wonderful meeting venue of the Faculty of Pharmaceutical Sciences at the University of Copenhagen. We are very pleased that this meeting venue will reduce the overall costs of hosting this Satellite meeting, although a modest registration fee will be needed to cover the costs of food and registration materials. Attached please find a copy of the planned program for this satellite meeting that will shortly be forwarded to the organizers of WorldPharma2010. We will also hope to encourage development of travel awards to Young Pharmacology Educators that may enable them to attend this Teaching satellite meeting and, thereby, show critical support for pharmacology education by the IUPHAR community. In addition, we hope that the WorldPharma2010 organizers will be able to include a workshop during the congress that is based on the themes and content of this satellite meeting. (see Attachment B)

Budget requests for support of this Teaching Section Satellite meeting will be modest although it will be important to include this meeting option with registration materials for the international congress.

In summary, this has been an active period for the Teaching Section with the executive committee meeting at least monthly (and often twice monthly) by conference call. As the web site is upgraded and the plans for the Teaching Section satellite meeting are finalized, efforts in the future will be directed towards engaging the diverse membership of the Teaching Section together on new innovations in teaching pharmacology.

Sincerely,



Joan M. Lakoski (USA)

Chair, Teaching Section

Attachment: Plenary Lecture Proposal – Ian Hughes
Pre-Conference Satellite Program

TO: Michael J. Mulvany
Secretary General
WorldPharma2010

Kim Brosen
President
WorldPharma2010

FROM: Joan M. Lakoski, Ph.D.
Chair, IUPHAR Teaching Section
University of Pittsburgh

Christiaan B. Brink, Ph.D.
Secretary, IUPHAR Teaching Section
North-West University

SUBJECT: 16th World Congress of Basic and Clinical Pharmacology (WorldPharma2010)
Copenhagen, Denmark, July 17-23, 2010
Plenary Lecture Proposal

DATE: December 2, 2008

Proposed lecturer	Ian Hughes, B.Sc., Ph.D.
Affiliation	University of Leeds
E-mail address	_____
Possible title of lecturer	Topic: Innovation in Bioscience and Pharmacology Education
Reason for suggestion	The IUPHAR Teaching Section Executive Committee is pleased to nominate Professor Ian Hughes for a distinguished plenary lecturer in the important area of pharmacology education for the 16 th World Congress of Basic and Clinical Pharmacology. For over 40 years, Dr. Hughes has served as a leader in pharmacology education at the University of Leeds, UK, and as the recent Past Chair of the IUPHAR Teaching Section. Dr. Hughes has long been recognized as an innovator in teaching pharmacology for which he has received numerous awards, including his current appointment as a UK National Teaching Fellowship holder. This widely respected and creative educator is also an outstanding speaker who always delivers his presentations with grace and good humor. The Executive Committee of the Teaching Section enthusiastically and unanimously recommends this nomination.
Name of proposer/society	Joan M. Lakoski, Ph.D., Chair, IUPHAR Teaching Section Associate Vice Chancellor for Academic Career Development Associate Dean for Postdoctoral Education Professor of Pharmacology and Chemical Biology Professor, Clinical and Translational Science Institute University of Pittsburgh Schools of the Health Sciences Suite M252A Scaife Hall 3550 Terrace Street Pittsburgh, PA 15261, USA Email: _____

IUPHAR Pre-Conference Satellite Program
July 15-17, 2010
Copenhagen, Denmark

Thursday, July 15, 2010

5:00 p.m. – 7:30 p.m.	Housing
8:00 p.m. – 9:00 p.m.	Executive Board Meeting

Friday, July 16, 2010

10:00 a.m. – 12:00 p.m.	Registration
12:00 p.m. – 1:00 p.m.	Opening Remarks (Joan Lakoski)
1:00 p.m. – 2:00 p.m.	Lunch
2:00 p.m. – 4:30 p.m.	Session 1 (5 workshops) – <i>tea break included</i>

- e-Learning and e-Assessment in Pharmacology – David Dewhurst
Workshop will be interactive and will cover examples of how technology can be used most effectively to support pharmacology teaching. Areas which might be covered would include: design of online scenario-based learning activities (e.g. virtual patients; e-PBL); good practice in the use of online resources to support lectures/tutorials/lab classes and promote student-centered/autonomous learning; use of Personal Response Systems to make lectures more interactive; innovative online assessment and using technology to enhance student feedback.
- Teaching Pharmacology in Globally – Tiaan Brink
Topics will include Translational – science to public (public awareness); Translational - science to policy; Translational - basic to clinical (IOSP, reductionism); Translational - science to ethics.
- Careers in Pharmacology – Joan Lakoski
- Active Learning – Chari Rangachari
Students engaged in their own learning make better learners. A number of approaches have been suggested (Problem-based Learning, Inquiry-based Learning, Case-based Learning etc), but resources, facilities and large class sizes make it difficult to put many of these approaches into practice. This workshop will explore the promises and pitfalls of different approaches to promoting student centered learning . The 3 cardinal elements of any educational endeavour- (a) Content (What should be taught), (b) Process (How

should we go about it) and (c) Evaluation(how do we know we have achieved our aims) will be considered. This will be an inter-active workshop (no lectures/ presentations) where participants will be engaged in dealing with diverse problems that emerge in attempting to deal with these elements in a variety of settings.

- Education to Support Safe Prescribing – Simon Maxwell
Prescribing is a major activity and core skill for all qualified doctors and, in some countries, for other professional groups. The complexity of prescribing in advanced healthcare systems has increased considerably with modern innovations in therapeutics. At the same time concerns are widespread that adverse effects of medicines and medication errors are an important cause of morbidity and mortality in many countries. These issues have arisen at the same time as the traditional ‘pharmacology course’ has been disappearing from many undergraduate courses as curricula have become integrated and less centered around individual scientific disciplines. These changes are important, not only because of their implications for the training of prescribers, but also because they may have a detrimental effect on the public of (clinical) pharmacology and (clinical) pharmacologists in major academic institutions.

4:30 p.m. – 5:00 p.m. IOSP Introduction – David Bylund

7:00 p.m. – 10:00 p.m. Gala Dinner (honored members and awards?)

Saturday, July 17, 2010

9:00 a.m. – 11:30 a.m. Session 2 (5 Workshops) – *tea break included*

- e-Learning and e-Assessment in Pharmacology – David Dewhurst
- Teaching Pharmacology in Globally – Tiaan Brink
- Careers in Pharmacology – Joan Lakoski
- Active Learning – Chari Rangachari
- Education to Support Safe Prescribing – Simon Maxwell

11:30 a.m. – 12:30 p.m. Report back from all breakout groups

12:30 p.m. – 1:00 p.m. Poster walk about
1:00 p.m. – 2:30 p.m. Poster Session and Lunch

2:30 p.m. – 3:00 p.m. Closing Remarks