

COUNCIL OF DEANS/COUNCIL OF FACULTIES TASK FORCE ON MEDICATION SAFETY

American Association of Colleges of Pharmacy

FINAL REPORT

2007-2008

The COD/COF Medication Safety Task Force was formed in July 2007 and consists of experts in medication safety in the areas of pharmacy education and practice. The task force charge was given by Drs. Brian Crabtree and Barbara Hayes, addressing the role of colleges and schools of pharmacy in responding to the national patient safety agenda. The task force decided that it could have the greatest impact by focusing on the issues surrounding medication safety. The task force was divided into three panels (with overlap of membership), dealing with 1) the scholarship of medication safety; 2) curricular content in medication safety; and 3) medication safety awareness.

Membership:

Council of Deans (COD)

Arnold W. Karig (South Carolina – MUSC)

Daniel C. Robinson (WesternU)

Craig Svensson (Purdue)

Council of Faculties (COF)

Robert Weber (Pittsburgh), Chair

Shelley Chambers-Fox (Washington State)

Shane Scott (Midwestern – Chicago)

Ronald Taniguchi (Hawaii – Hilo)

Elizabeth Flynn (Auburn)

Terri Warholak (Arizona)

Antonia Zapantis (Nova Southeastern)

Panel reports are presented below with panel coordinator being identified by an asterisk*.

Task Force on Medication Safety

Focus Area: A Proposal for an American Journal of Pharmaceutical Education Supplement on Medication Safety

Members: Shelley Chambers Fox, Ph.D.*, chams@wsu.edu, Craig K. Svensson, Pharm.D., Ph.D., svensson@purdue.edu, Elizabeth Flynn, Ph.D. flynnel@auburn.edu; Antonia Zapantis, M.S., Pharm.D., zapantis@nova.edu; Terri Warholak, Ph.D., warholak@pharmacy.arizona.edu

Actions / Accomplishments	Discussion	Status:	Recommended Actions for 08/09
<p>Scholarship of Medication Safety - the purpose of this group will be to develop an article or series of articles, possibly published as a supplement in AJPE on the theoretical and practical aspects of medication safety. This publication will provide the focal summary of the literature for pharmacy education to use in developing curricula and promoting best practices.</p>	<p>Title suggestions:</p> <ol style="list-style-type: none"> 1. The Need for a Prominent Role for Medication Safety in Today's Pharmacy Education (Position Paper contributed by panel members, Shelley Chambers) 2. Pharmacist Intervention for Improving Medication Safety: Evidence-based Case studies for Pharmacy Education (Elizabeth Flynn) 3. Models for Teaching Medication Safety in Doctor of Pharmacy Curriculum with Proposed Outcomes (Terri Warholak) 4. Models for Academic Institutional Engagement in Medication Safety (Craig Svensson and Bob Weber) Demonstration projects from Iowa, Minnesota 5. Post Graduate Training Opportunities in Medication Safety (Antonia Zapantis)-a study of medication safety component of residencies, graduate programs and other post graduate opportunities.* 6. Interdisciplinary Education Models/Opportunities for facilitating teamwork in Medication Safety (Lynn Pauslen, PharmD UCSF) 	<p>In Process. *Currently under IRB review.</p>	
<p>Proposed supplement was discussed with Joe DiPiro along with the following timeline:</p> <ol style="list-style-type: none"> 1. March 2008 Proposal to AJPE editors 	<p>Dr. DiPiro was supportive of the proposed supplement but would like to ensure that each of the topics directly addresses pharmacy education. He suggested that papers # 2, 4, and 6 may need to be more focused on education for AJPE. When we have finalized the proposal he will send it to the other Editors</p>	<p>In Process</p>	<p>Revise titles 2, 4, and 6 and submit to Joseph DiPiro.</p>

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<ol style="list-style-type: none"> 2. Spring/Summer 2008: finalize authors and titles for 6 papers 3. Fall 2008 begin writing 4. January 15, 2009, first drafts due to editors 5. April 15, 2009 final acceptable version due 6. June 15, 2009, publication date 	for comment.		
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Focus Area: Curricular Content in Medication Safety

Members: Robert Weber, M.S., weberri@upmc.edu , Terri Warholak, Ph.D.*, warholak@pharmacy.arizona.edu , Shane Scott, PharmD, sscott@midwestern.edu , Betsy Allan Flynn, Ph.D., flynnel@auburn.edu , Ron Taniguchi , PharmD, ronaltdt@hawaii.edu

Actions / Accomplishments	Discussion	Status:	Recommended Actions for 08/09
Discovery	The group discussed what other organizations/groups were working on similar projects. The Pharmacy Quality Alliance (PQA) was identified as working on an RFP for medication safety/quality Improvement (QI) curriculum development.	Finalized	
Development of collaboration and objectives	<p>The sub-committee members identified the following goals:</p> <ol style="list-style-type: none"> 1. To assist in the development of a nationwide medication safety curriculum for student pharmacists. (note: This AACP sub-committee should act as consultants (an advisory panel) to whomever PQA employs to compile the model curriculum. Specifically, group members would like to help with curriculum development in the following areas: <ol style="list-style-type: none"> a) overseeing the quality of the PQA proposed curriculum b) providing quality review and feedback c) provide suggestions for uniting pharmacy organizations in this endeavor d) pilot test curriculum materials 2. Develop strategies for meeting the medication safety educational needs of student pharmacists. 3. Assess the effectiveness of approaches to <ol style="list-style-type: none"> a) increase student competence in medication safety 	Finalized	

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	techniques, and b) change pharmacy practice to improve medication safety.		
Collaborate	The PQA medication safety/QI curriculum grant has been awarded to Warholak, West, and Holdford. They have formed an advisory panel (as recommended above). The advisory panel has been asked to provide feedback on the curricular outline at this time.	In process	Continue collaboration with PQA over the next year.

Focus Area: Medication Safety Awareness

Members: Robert Weber, M.S., weberrj@upmc.edu , Terri Warholak, Ph.D., warholak@pharmacy.arizona.edu , Shane Scott, PharmD, sscott@midwestern.edu , Ron Taniguchi , PharmD, ronaldt@hawaii.edu , Arnold Karig, Ph.D., karigaw@muscu.edu , Mike Negrete, PharmD, mnegrete@pharmacyfoundation.org , Daniel Robinson, PharmD*, drobinson@westernu.edu

Actions / Accomplishments	Discussion	Status:	Recommended Actions for 08/09
Objective	Develop a plan for promoting awareness to key stakeholders of the role of pharmacists in medication safety. Note: Stakeholders may include local, state and national political leaders, patients, other health care professionals, professional organizations, and corporate pharmacy interests.	Finalized	
Identifying resources	<ul style="list-style-type: none"> • “Risk communication: evolution and revolution” , Vincent Covello, Peter Sandman (http://www.psandman.com/articles/covello.htm) accessed 2/12/2008 • USA Today Series Feb 11-13, 2008 <ol style="list-style-type: none"> 1. Speed, high volume can trigger mistakes 2. Drugstore chains rely on pharmacy technicians 3. Inside a pharmacy where a fatal error occurred 4. Talking to patients could be a major safeguard • “Protecting U.S. citizens from inappropriate medication use” White paper on medication safety and the role of community pharmacists. Institute for Safe Medication Practices, 2007 	Finalized	

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	<ul style="list-style-type: none"> • “Pharmacy Foundation of California: Medication Safety Research” privileged communication – see below. • The FDA recently created the Risk Communication Advisory Committee. Academic pharmacy is represented on the 14 member committee by Betsy Lynn Sleath, Ph.D., UNC, School of Pharmacy • “The future of drug safety – promoting and protecting the health of the public” FDA’s Response to the IOM 2006 Report. http://www.fda.gov/oc/reports/iom013007.pdf 		
<p>Identifying Collaborators</p>	<p>Michael Negrete, Executive Director of the Pharmacy Foundation of California (PFC), has given much thought to the issue of risk communication. The PFC commissioned the Bouchard Communications Group to assist in developing a strategy to increase awareness of medication safety issues among consumers. Throughout the next year, they will be testing communication strategies and messaging with targeted consumer groups. Dr. Negrete was added to our medication safety awareness panel. He will be a great ally as we further develop a medication safety awareness campaign that reaches our many stakeholders.</p> <p>Peter Sandman, Consultant, NJ, has created a scientifically based discipline related to risk communication. His focus has been primarily in the area of environmental risk and public perceptions of risk. He has noted that “the risks that kill people and the risks that alarm them are often completely different”. Bob Weber and Dan Robinson had a 30 minute conference call with Dr. Sandman and extracted the following points:</p> <ul style="list-style-type: none"> • Awareness will depend on an “outrage-increasing” campaign. (perceived risk = hazard + outrage) • The public must see pharmacists as partners • Create a demand for increased professional interactions with pharmacists, coupled with payment mechanisms for such services • No health care providers are currently paid for activities associated with improving medication safety (excluding 	<p>In process</p>	<p>Continue collaboration with Dr. Negrete and PFC to further develop medication safety message.</p> <p>Invite Dr. Sandman to address a broad AACP audience regarding risk communication.</p>

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	limited MTM services) <ul style="list-style-type: none">• Target audience must include patients, payers, legislators, and health care providers.• Risk communication is most effective when there is an obvious villain, e.g., the drug.		
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Respectfully submitted: Robert Weber, Daniel Robinson (please contact [drobinson@westernu.edu](mailto:d robinson@westernu.edu) for any questions regarding this report)