



Curriculum Design and Updating for Clinical Pharmacy Teaching

19-20 September, 2017
Malta

THIRD ANNOUNCEMENT



Supported by Conventions Malta

Workshop organised by the Accreditation Council for Pharmacy Education (ACPE), American Association of Colleges of Pharmacy (AACCP), European Association of Faculties of Pharmacy (EAFP), Department of Pharmacy University of Malta

COLLABORATING PARTNERS

Accreditation Council for Pharmacy Education

The Accreditation Council for Pharmacy Education (ACPE) is the U.S. national agency for the accreditation of professional degree programs in pharmacy and providers of continuing pharmacy education. Established in 1932 for the accreditation of pre-service education, ACPE's scope of activity was broadened in 1975 to include accreditation of providers of continuing pharmacy education. In 2015, ACPE started to accredit pharmacy technician education and training programs in collaboration with the American Society of Health-System Pharmacists.

Due to the growing demand from international stakeholders seeking ACPE's guidance and expertise relating to quality assurance and advancement of pharmacy education, the International Services Program (ISP) was established in 2011. ISP offers degree program Certification, consultation, and training to individual educational institutions, as well as governments and national professional organizations.

American Association of Colleges of Pharmacy

The American Association of Colleges of Pharmacy (AACP) is a not-for-profit organization based in the Washington, D.C. metro area. The mission of AACP is to advance pharmacy education, research, scholarship, practice and service, in partnership with members and stakeholders, to improve health for all. AACP envisions a world of healthy people through the transformation of health professions education. Membership in AACP is available worldwide to students, faculty, colleges of pharmacy, organizations and corporations sharing an interest in pharmacy education.

The dynamic environment that encompasses the member institutions and faculty of the AACP is unparalleled. Our members' resolute dedication to AACP's core ideology "to provide leadership in advancing the quality of pharmacy education at all levels", is reflected in the teaching, research and service activities that take place within and outside colleges and schools of pharmacy.

European Association of Faculties of Pharmacy

The mission of the European Association of Faculties of Pharmacy (EAFP) is to lead advancement of pharmacy education and research to reflect developments in pharmacy and the needs of society. EAFP serves as a platform for its member institutions to be part of the changes, plan the future and address challenges to ensure high standards in pharmacy education and research within faculties of pharmacy in Europe. EAFP supports member faculties in the development of resources, effective methods of learning and teaching, balanced curricula, facilitates

exchanges for both students and faculty members, collaborates with European authorities and other partners involved in the organisation and policy in pharmacy and health care, promotes joint research projects between academic institutions and the pharmaceutical industry, and co-operates with national and international partners in pharmacy.

Department of Pharmacy, University of Malta

The Department of Pharmacy of the Faculty of Medicine and Surgery at the University of Malta is a leader in Europe for patient-focused curricula. The Department of Pharmacy at the University of Malta provides a selection of courses aimed at delivering competent and well-trained graduates in pharmacy and pharmaceutical technology at graduate and postgraduate level. Emphasis in the learning programmes is directed towards experiential learning to ensure the application of knowledge to practical aspects. The Department of Pharmacy boasts of innovative learning methods for the development of research skills and has achieved excellence in research in the areas of clinical pharmacy, clinical pharmaceutical analysis, pharmaceutical synthesis and pharmaceutical technology.

The Faculty of Medicine and Surgery and the Department of Pharmacy were established in 1676 when the Council of the Order of the Knights of St. John approved the Grandmaster's decision for the foundation of the faculty at the Sacra Infermeria (Holy Infirmary) in Valletta. This culminated in the opening of the Diploma in Pharmacy in 1729. One of the earliest documented evidence of the practice of clinical pharmacy in Europe goes back to the time of the Knights of St. John at the Sacra Infermeria, where the pharmacist participated in ward rounds with the physician.

PROGRAMME

Course Aim

The aim of the course is to provide participants with an insight into aspects of curriculum design, methods of teaching and assessment, and incorporation of hands-on experience in the teaching using a team-based approach.

Teams will create a plan of action for enhancing these areas and initiating change at their home institution. The course is also intended to stimulate the development of a network of clinical pharmacy educators.

Target Group

The course is intended for faculty members, preceptors, teacher practitioners and pharmacists who are involved in development and elaboration of courses at undergraduate, graduate and postgraduate level. The course presents principles of curricular re-design, delivery and assessment. Examples are drawn

from the experience of the faculty in introducing innovative methods of teaching of clinical pharmacy. It guides educators and pharmacists involved in the development of training programs on reflecting on curriculum evaluation, re-design, delivery and assessment.

Who should consider to attend

- ⇒ Deans and Co-ordinators of Pharmacy Programmes of Study
- ⇒ Academic staff in pharmacy practice and clinical pharmacy
- ⇒ Preceptors from hospital pharmacy, community pharmacy and other practice settings
- ⇒ Stakeholders

Highlights

- ⇒ Learn from experts in pharmacy education
- ⇒ An opportunity to network
- ⇒ Course includes group exercises and workshops giving the opportunity to apply principles discussed to the individual participant's scenario and develop specific actions plan for implementation
- ⇒ A certificate will be issued at the end of the course

Contacts and co-ordinators

Prof Lilian M. Azzopardi | lilian.m.azzopardi@um.edu.mt
Dr John C. Ressler | jressler@aacp.org
Dr Michael J. Rouse | mrouse@acpe-accredit.org

19 September 2017

08:30 - 09:00 Welcome, Introductions and Opening Remarks

09:00 - 10:00 Introduction to the Topic - The Accreditation Perspective: Mike Rouse, ACPE
Introduction to Team Times: John Ressler, AACP

10:00 - 10:30 Coffee Break

Plenary Session 1: Baseline Assessment and Background Information

10:30 - 11:45 *Professor Joseph T. DiPiro*

11:45 - 12:00 *Professor Anthony Serracino-Ingrott*

12:00 - 13:00 Lunch

Plenary Session 2: Curricular Design

13:00 - 14:15 *Professor Janet P. Engle*

14:15 - 14:30 *Professor Lilian M. Azzopardi*

14:30 - 14:50 Coffee Break

Team Time 1: Standing at the Start-line

14:50 - 16:00 Moderators: *Francesca Wirth, Marise Gauci*

Facilitators: *Joseph DiPiro, Janet Engle, John Ressler, Mike Rouse*

Group exercises to reflect on baseline assessment strategies

16:00 - 16:30 Day's Wrap-Up and Questions

19:00 - 21:00 Dinner

DAY TWO

20 September 2017	
Plenary Session 3: Curricular Delivery	
08:30 - 09:45	<i>Professor Janet P. Engle</i>
09:45 - 10:00	<i>Dr Louise Grech</i>
10:00 - 10:30	Coffee Break
Team Time 2: Fuelling Change	
10:30 - 11:30	Moderators: <i>Nicolette Sammut Bartolo, Louise Grech</i>
	Facilitators: <i>Joseph DiPiro, Janet Engle, John Ressler, Mike Rouse</i> Group exercises to identify schemes that can be adopted to drive curricular changes
11:30 - 12:30	Lunch
Plenary Session 4: Assessment and Summary	
12:30 - 13:20	<i>Professor Joseph T. Dipiro</i>
13:20 - 13:30	<i>Dr Maresca Attard Pizzuto</i>
Team Time 3: Reaching the Finish Line – Future Goals and Visions	
13:30 - 14:30	Moderators: <i>Maresca Attard Pizzuto, Lilian M. Azzopardi</i>
	Facilitators: <i>Joseph DiPiro, Janet Engle, John Ressler, Mike Rouse</i> Group exercises to identify future goals and visions that are relevant to workforce development for national requirements
14:30 - 15:00	Closing Remarks and Wrap-Up – Where do we go from here?

PLENARY 1

Baseline Assessment and Background Information

The session puts forward a review of the driving forces for curricular changes from a national, societal and international perspective. An overview of curricular reforms and changes at the college of pharmacy at the University of Malta towards a patient-focused curriculum is used as a reflective example.

Learning Objectives

- ⇒ To list the structural and environmental factors to consider with curriculum development and revision
- ⇒ To identify how to set up an effective curriculum committee
- ⇒ To create a plan to promote change in the curriculum
- ⇒ To identify how to plan curricular changes that focus on patient-centred curricular outcomes

Faculty

Joseph T. DiPiro,
Virginia Commonwealth University School of Pharmacy, Richmond, Virginia, USA

Anthony Serracino-Inglott,
Department of Pharmacy, Faculty of Medicine and Surgery, University of Malta

PLENARY 2

Curricular Design

The session provides an overview of curricular development process, principles of curricular design, and determination of curricular goals and vision. The experiences drawn from the Colleges of Pharmacy at the University of Illinois and at the University of Malta in terms of pharmacy practice curriculum design, will be shared.

Learning Objectives

- ⇒ To summarize curriculum design process
- ⇒ To discuss strategies to assure that the curriculum designed is the curriculum that is delivered
- ⇒ To list the advantages of curricular mapping

Faculty

Janet P. Engle,
College of Pharmacy, University of Illinois at Chicago, USA

Lilian M. Azzopardi,
Department of Pharmacy, Faculty of Medicine and Surgery, University of Malta

PLENARY 3

PLENARY 4

Curricular Delivery

The session looks at how a curriculum is used as a tool to enable learners to improve their knowledge. Techniques adopted in course design, methods to identify relevant teaching methods and how to engage learners are reported. The experience from the University of Malta of experiential teaching models within a hospital setting as a means of engaging students at graduate and post-graduate education within a real-practice scenario and developing inter-professional learning opportunities is presented.

Learning Objectives

- ⇒ To list three curriculum delivery methods
- ⇒ To define active learning and the benefits over passive learning
- ⇒ To summarize three active learning strategies
- ⇒ To list steps to developing team based learning in the classroom

Faculty

Janet P. Engle,
College of Pharmacy, University of Illinois at
Chicago, USA

Louise Grech,
Department of Pharmacy, Faculty of Medicine
and Surgery, University of Malta

Curricular Assessment

The development of a process of curricular assessment that is aligned with the programme goals is discussed. The assessment cycle and methods for course assessments are reviewed. Effective strategies to create a culture of curricular assessment are presented.

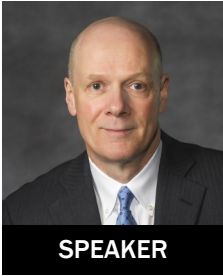
Learning Objectives

- ⇒ To describe the justification for curricular assessment
- ⇒ To describe methods to construct an effective approach to assessment

Faculty

Joseph T. DiPiro,
Virginia Commonwealth University School of
Pharmacy, Richmond, Virginia, USA

Maresca Attard Pizzuto,
Department of Pharmacy, Faculty of Medicine
and Surgery, University of Malta



JOSEPH T. DIPIRO

Pharm.D

Dr. Joseph T. DiPiro is Dean, Professor and Archie. O. McCalley Chair at the Virginia Commonwealth University School of Pharmacy, Richmond, Virginia, USA. From 2005 to 2014 he was Executive Dean of the South Carolina College of Pharmacy. He received his BS in pharmacy (Honors College) from the University of Connecticut and Doctor of Pharmacy from the University of Kentucky. He served a residency at the University of Kentucky Medical Center and a fellowship in Clinical Immunology at Johns Hopkins University. From 1981 to 2005 Dr. DiPiro was a faculty member at the University of Georgia College of Pharmacy and the Medical College of Georgia.

He is President of the American Association of Colleges of Pharmacy and Past Chair of the Council of Deans. He has served as President of the American College of Clinical Pharmacy. He is a Fellow of the College and has served on the Research Institute Board of Trustees. He has been a member of the American Society of Health-System Pharmacists, having served on the Commission on Therapeutics and the Task Force on Science. In 2002, the American Association of Colleges of Pharmacy selected Dr. DiPiro for the Robert K. Chalmers Distinguished Educator Award. He has also

received the Russell R. Miller Literature Award and the Education Award from the American College of Clinical Pharmacy, the Award for Sustained Contributions to the Literature from the American Society of Health-System Pharmacists, and was named in 2013 as the national Rho Chi Distinguished Lecturer. Dr. DiPiro was elected a Fellow in the American Association for the Advancement of Science. Dr. DiPiro served as Editor of *The American Journal of Pharmaceutical Education* for 12 years. He is an editor for *Pharmacotherapy: A Pathophysiologic Approach*, now in its 10th edition. He is also the author of *Concepts in Clinical Pharmacokinetics* and Editor of the *Encyclopedia of Clinical Pharmacy*. He has published over 200 journal papers, books, book chapters, and editorials in academic and professional journals, mainly related to antibiotics, drug use in surgery, and pharmacy education. His papers have appeared in *Antimicrobial Agents and Chemotherapy*, *Pharmacotherapy*, *Critical Care Medicine*, *JAMA*, *Annals of Surgery*, *Archives of Surgery*, *American Journal of Surgery*, *Journal of Pharmacology and Experimental Therapeutics*, and *Surgical Infections*.

JANET P. ENGLE

Pharm. D., Ph.D. (Hon), FAPhA, FCCP, FNAP



Janet P. Engle is Professor and Head of the Department of Pharmacy Practice and Senior Associate Dean for Clinical Education at University of Illinois at Chicago College of Pharmacy. She is past president of the American Pharmacists Association (APhA), the national professional society of pharmacists with over 60,000 members. She served on the APhA Board of Trustees for 10 years and served as the President of the APhA Academy of Pharmacy Practice and Management as well as on numerous APhA committees. She serves as a voting member of the US Food and Drug Administration (FDA) Nonprescription Drug Advisory Committee which advises FDA on OTC medication issues. Dr. Engle was elected as a Distinguished Practitioner in the National Academies of Practice in Pharmacy which only includes 150 pharmacists world-wide.

Dr. Engle received her BS in Pharmacy from Rutgers University and a Pharm.D. from the University of Illinois. She completed a specialized residency in ambulatory care and emergency medicine at University of Illinois and served as Chief Resident. She received an honorary Ph.D. in Pharmaceutical Sciences from Khon Kaen University in Thailand. Dr. Engle has also been named a Fellow of the APhA Academy of Pharmacy Practice and Management and a Fellow of the American College of Clinical Pharmacy. She also has received the APhA Distinguished Achievement Award for Clinical/Pharmacotherapeutic Practice.

Dr. Engle is very active in international pharmacy. She is the Immediate Past Chair of the International Commission for the Accreditation Council for Pharmacy Education

and serves on the Commission. Dr. Engle is also serving a second 3 year term as overseas expert and member of the Post Graduate Allied Health Institute Board at Singapore General Hospital. Dr. Engle worked with National Taiwan University and was a guest professor at Harbin Medical University in China where she has taught topics in ambulatory pharmacy practice and pharmacy education. She worked with the Pharmacy Council of Thailand and many faculties of pharmacy in Thailand and served as a consultant to the Western Pacific Region of the World Health Organization in Manila.

Dr. Engle is an internationally recognized expert on the topics of nonprescription medicines, pharmacy education, ambulatory care pharmacy practice and leadership. She has given over 100 presentations and published more than 60 papers on these topics both in the US and abroad. Dr. Engle has received several teaching awards including the Teaching Recognition Award from the University of Illinois at Chicago for excellence in teaching.

Dr. Engle has served as a medical expert on a number of pharmacy and medical issues, appearing on “The Oprah Winfrey Show,” “Dr. Oz”, “World News Tonight”, and many other TV newscasts and has participated in interviews with the Washington Post, New York Times, Chicago Tribune, USA Today, LA Times, Cosmopolitan, Readers Digest and Prevention Magazine among many others. Besides her current practice in academia, Dr. Engle has also practiced in community, hospital, pharmacy directed ambulatory clinic and long term care settings.



SPEAKER

ANTHONY SERRACINO-INGLOTT

B.Pharm., Pharm.D.(Cinc.), M.A.C.C.P., M.R.Pharm.S.

Professor Serracino-Inglott is a Professor at the Department of Pharmacy of the University of Malta. His areas of interest include clinical pharmacy, pharmaceutical technology, pharmaceutical regulatory affairs, pharmaceutical analysis and pharmacy practice.



SPEAKER

LILIAN M. AZZOPARDI

B.Pharm.(Hons.), M.Phil., Ph.D., MRPharmS

Professor Azzopardi is the Head of the Department of Pharmacy of the University of Malta and the President of the European Association of Faculties of Pharmacy. Her areas of interest include quality systems and clinical pharmacy interventions. She has been a member of scientific committees for European conferences and chaired a number of oral communication sessions reporting research work in the field of pharmacy practice. She has received research awards by the International Pharmaceutical Federation and the European Society of Clinical Pharmacy.



SPEAKER

LOUISE GRECH

B.Pharm.(Hons)(Melit.), M.Phil.(Glas.), Ph.D.(Melit.), M.R.Pharm.S.

Dr Grech is a lecturer at the Department of Pharmacy of the University of Malta and clinical pharmacist at Mater Dei General Hospital. Her areas of interest include the design and evaluation of pharmaceutical care models, clinical pharmacy, pharmaceutical aspects of rheumatology, pharmacy practice, quality of life tools, patient education and patient safety and personalised medicine.



SPEAKER

MARESCA ATTARD PIZZUTO

B.Pharm.(Hons)(Melit.), M.Sc.(Melit.), Ph.D.(Melit.)

Dr Attard Pizzuto is a researcher at the Department of Pharmacy of the University of Malta. Her areas of interest include risk management in pharmaceutical processes and pharmacy systems.

Registration Details

Registration includes course material, coffee breaks, lunches and social evening.

Registration Type	Registration Fee		
	EAFP Members	Non-EAFP Members	Students
Early bird registration until 19 August 2017	350 Euro	450 Euro	150 Euro
Late registration after 19 August 2017	375 Euro	475 Euro	150 Euro

Registration form is available at
<http://eafponline.eu/wp-content/uploads/2017/04/Registration-Form.pdf>

Workshop Venue

Valletta Campus, University of Malta

For more information

www.eafponline.eu

Contact information

Ms Amanda Calleja | amanda.calleja@um.edu.mt
Dr Maresca Attard Pizzuto | maresca.attard-pizzuto@um.edu.mt

Accommodation

There are various hotels in Valletta within walking distance.
Should you require assistance do not hesitate to contact us.

