



INTERNATIONAL COUNCIL
of OPHTHALMOLOGY



Co-Sponsored by:
International Council of Ophthalmology (ICO)
American Academy of Ophthalmology (AAO)

Conference for Ophthalmic Educators: Improving Teaching Effectiveness

Organizers: Gabriela Palis, MD, Chair; Karl Golnik, MD, MEd, Eduardo Mayorga, MD and Andreas Lauer, MD.

November 14, 2015 from 2:00–5:30 p.m.
During AAO 2015 in Las Vegas, USA
Venetian, Marco Polo 701
Workshop rooms: Marco Polo 705, 706, 707

- **Open to all AAO 2015 registered attendees.**
- Event SYM02 in the AAO Program: <https://secure.aao.org/apps/>
- The Conference can be claimed for CME credit as part of the 33 AMA PRA Category 1 Credits™ designated to AAO 2014.

- **Access Conference Resources and Slides:** <https://goo.gl/QMWnVt>

Purpose: To help ophthalmic educators learn more about modern educational theory, methods and tools, and develop relationships that will enable them to enhance educational programs and ultimately raise the level of eye care in their region.

Who Should Attend?

- Residency Program Directors and Faculty
- Directors and Teachers of Continuing Professional Development and Continuing Medical Education
- Teachers of Subspecialists, Medical Students, and Allied Eye Care Personnel
- Residents and Fellows involved in training juniors
- Ophthalmologic society leaders
- Educators involved in New Technology for Teaching and Learning
- Anyone involved in any aspect of ophthalmic education

Goals

1. To discuss adult learning theory and teaching methods, tools and resources that will help educators enhance ophthalmic education.
2. To meet identified needs of participants for information and training related to specific aspects of education (e.g., needs assessment, curriculum development, teaching techniques, assessment methods, etc.).
3. To stimulate and support the formation of ongoing relationships and collaboration among educators in the region with common interests.
4. To provide input to the AAO, ICO, and other ophthalmologic societies regarding how they can support educators and the enhancement of ophthalmic education.

Workshops

Workshops are designed to demonstrate educational principles, methods and tools, and give participants hands on experience with them.

There will be six workshops offered with the opportunity to attend two of your choice, one during each session.

Session 1

The Flipped Classroom: MP707

- Eduardo Mayorga, MD, ICO Director for E-Learning; Department of Ophthalmology, Hospital Italiano de Buenos Aires, Argentina.
- Karl Golnik, MD, MEd, ICO Director for Education; Chair and Residency Program Director, Department of Ophthalmology, University of Cincinnati, USA.

Mentorship: MP706

- Andreas Lauer, MD, Vice-Chair for Education, Casey Eye Institute, Oregon Health & Science University, USA.

Small Group Teaching: MP705

- Ana Gabriela Palis, MD, Editor in Chief, ICO Center for Ophthalmic Educators; Program Director, Department of Ophthalmology, Hospital Italiano de Buenos Aires, Argentina.

Session 2

Knowledge Assessment: Effective Multiple Choice Questions MP707

- Simon Keightley, MB, BS, FRCOphth, ICO Director for Examinations, United Kingdom.
- Clare Davey, MB, BS, FRCOphth, London Eye Unit Hospital of St John & St Elizabeth, United Kingdom.
- Nicola Quilter, ICO Examinations Executive, United Kingdom.

Faculty & Program Assessment: MP706

- Dr. Golnik

Informal and Formal Face-to-Face Feedback for Trainees: MP705

- Dr. Lauer

If you are able, please remember to bring your personal laptop or tablet to facilitate your learning experience.

Schedule of Events

- 2:00 **Welcome and Introductions:** Main room Marco Polo 701
Goals, Review of the Agenda and Workshops (*Drs. Palis & Golnik*)
- 2:15 **Workshop Session 1**
1. The Flipped Classroom (*Drs. Mayorga & Golnik*) MP707
2. Mentorship (*Dr. Lauer*) MP706
3. Small Group Teaching (*Dr. Palis*) MP705
- 3:15 **Break**
- 3:30 **Workshop Session 2**
1. Knowledge Assessment: Effective Multiple Choice Questions
(*Drs. Keightley, Davey, and Ms. Quilter*) MP707
2. Faculty & Program Assessment (*Dr. Golnik*) MP706
3. Informal and Formal Face-to-Face Feedback for Trainees (*Dr. Lauer*)
MP705
- 4:35 **Plenary: PowerPoint Tips and Tricks** (*Dr. Mayorga*) Main room MP701
- 4:55 **Wrap-up and General Discussion** (*Dr. Golnik*)
- 5:30 **Adjourn**

Funding for this Conference for Ophthalmic Educators is provided in part by Alcon.

We thank all of the [supporters](#) of the International Council of Ophthalmology's Teaching the Teachers Initiative.

Workshop Descriptions: Session 1

The Flipped Classroom: Marco Polo 707

The flipped classroom is becoming a growing alternative to traditional classrooms, not only at schools, but also in universities and postgraduate training. Even though its description is easy to understand, being successful in its implementation may not be as easy as it seems initially.

Goal

To present the concept and strategies to implement the flipped classroom in resident training.

Objectives

By the end of the workshop, participants will be able to:

- Explain the concept of “flipped classroom”
- Discuss its pros and cons
- Apply a stepwise approach to build a successful flipped classroom
- Identify existing resources to build it
- Identify free or low cost software to develop web based resources and classroom activities.

Mentorship: Marco Polo 706

Mentorship is an interactive, facilitative process meant to promote learning and development that is based on educational and social learning theories. In healthcare, mentoring has largely been studied in the context of academic medicine where physician trainees or junior physician investigators are mentored by those more experienced for career and personal development. The benefits of academic medicine mentorship include greater grant capture, peer-reviewed publications, faster academic promotion, and higher career satisfaction.

Educational Goal

Understand that mentoring consists of support for both professional and psychosocial development. To understand the importance mentorship a strategy to enhance knowledge translation to develop job-related knowledge and skills among professionals in healthcare and non-healthcare settings.

Learning Objectives

At the end of this workshop the participant we will be able to:

1. Understand the typically stages in the mentor/mentee relationship.
2. Understand the impactful effects of mentorship on the mentor and mentee.
3. Consider different models of mentorship programs
4. Consider improving or implementing mentorship in their program

Content will be available to the attendees on at <https://goo.gl/rbLELn> or through this QR code.



Small Group Teaching: Marco Polo 705

Small groups as a teaching strategy can improve students' social, interpersonal and communication skills, their ability to work in teams and to engage in higher-order thinking skills. It can also increase their creativity and innovative thinking, and help them learn more deeply and actively.

Goals

That attendants implement the use of small group teaching in their educational programs.

Objectives

By the end of the workshop, participants will be able to:

1. Explain the basic characteristics of small group teaching
2. List and apply different strategies for teaching to small groups
3. Discuss problems that may arise when teaching to small groups

Workshop Descriptions: Session 2

Knowledge Assessment: Effective Multiple Choice Questions:

Marco Polo 707

Multiple choice is a form of assessment in which respondents are asked to select the best possible answer out of the choices from a list, but how easy is it to write good questions?

Goal

Create effective multiple choice questions for different candidature levels.

Objectives

- Define the structure of a good multiple choice question
- Identify advantages and disadvantages
- Show how to build an effective multiple choice questions
- Explain how to evaluate performance
- Describe question format (ICO Exam examples)

Faculty and Program Assessment: Marco Polo 706

Faculty and Program assessment are often overlooked when planning a training program. Nevertheless both of these assessments are crucial to faculty and program improvement. This workshop will discuss principles of good assessment and demonstrate methods of faculty and program assessment.

Objectives

At the completion of the workshop participants will be able to:

1. Describe principles of effective program and faculty assessment.
2. List at least 3 methods of program and faculty assessment.

Informal and Formal Face-to-Face Feedback for Trainees:

Marco Polo 705

Feedback aims at improving medical learners' performance. It is both a valuable clinical teaching tool and an essential medical education skill, worth to develop and master for effective learning. Timeliness and structure in both informal and formal feedback are important in the development of the trainee.

Educational Goal

Appraise how structured and timely feedback is relevant to improve medical learner's performance and understand the time and place for formal versus formal feedback to help make the learner into a successful professional.

Learning Objectives

At the end of this workshop we will be able to:

1. Explain the rationale for Feedback
2. Use structured Feedback techniques in role-play scenarios
3. Understand the importance of formal feedback in educational curricula
4. Recognize the effectiveness and the instances of timely informal feedback.

Content will be available to the attendees on the day of symposium at <https://goo.gl/rbLELn> or through this QR code.



In addition to the Conference for Ophthalmic Educators, there will be additional courses sponsored by the ICO during AAO 2015.

Search the AAO Program: <https://secure.aao.org/apps/>

An Academy Plus Course Pass is required to attend the below courses. For more information, please visit the AAO website: www.aao.org/annual-meeting/registration/academy-plus-course-pass

Course 486– Presentation Skills: How to Improve the Effectiveness of Lectures

Synopsis: This course intends to increase participants' skills in making lectures more engaging, active, and effective. Participants will be able to: 1) consider the need to apply the adult learning principles involved in creating meaningful presentations, 2) organize content logically, and 3) design slides adequately and clearly, and 4) present in an interesting, interactive way.

Monday, November 16, 2:00–3:00 p.m.
Location: Sand Expo/Venetian, Room Marco Polo 805

A Skills Transfer Lab ticket is required to attend the below lab. Lab tickets can be purchased when you register for AAO, or is US\$60 on site. This must be purchased *separately* from an Academy Plus Course Pass

For more information, please visit the AAO website: www.aao.org/annual-meeting/skills-transfer-labs

Lab 146– How to use Free Technology to Add Interactivity to Face-to-Face Lectures and Presentations

Synopsis: This course will cover the principles, strategies, and techniques of lecture interactivity. The audience will actively participate during the entire course using their smartphones, iPads, or laptops in the role of attendees. They will also learn, as presenters, to set up different software and use them effectively, working together with PowerPoint in the same presentation screen.

Monday, November 16, 3:00–4:30 p.m.
Location: Sands Expo/Venetian, Room Titian 2201