

# ASO Mid-Year Conference Loews Royal Pacific Resort Universal Studios, Orlando, Florida

## FINAL EDUCATION PROGRAM

**Saturday, May 11, 2019**

7:30am – 9:00am	<b>COO Intern Conference Registration</b>	Registration South
8:00am – 9:00am	<b>COO Intern Breakfast</b>	Coral Sea 1
9:00am – 10:00am	<p><b>COO Course 7006: “Post-Surgical Evaluation and Conformer Use”</b></p> <p>Presenter: Kathy Hetzler, BCO, BADO, FASO</p> <p><i>This course describes the fitting and fabrication of custom post-operative conformers for the surgical patients. As well as, how custom conformers can be beneficial in designing the “custom ocular prosthesis and/or scleral shell. The ocularist is shown how to read the socket anatomy, make notations on socket details and to accommodate prosthetic designs that are helpful in fitting different types of sockets. The benefits of this approach are carefully discussed. The modified impression technique is applied in the detailing of ptosis, sulcus and other socket anomalies.</i></p>	Philippine Sea
<p><b>T</b> <b>COO 15</b></p>		
9:00am – 12:00pm	<b>ASO Board of Directors Meeting</b>	Java Sea 2
10:00am – 10:30am	<b>COO Break</b>	
10:30am - 12:00pm	<p><b>COO #7006W: “Impression Taking Workshop</b></p> <p>Instructor: Kathy Hetzler, BCO, BADO, FASO</p> <p><i>The impression workshop will open with a lecture on preparing and handling the patient before, during and after an impression. Patient preparedness is crucial for a good result. This workshop is an opportunity for the intern ocularist to handle the various impression materials. What is meant by reading the impression? Each ocularist will do an impression and cast it in stone. Risks and complications will be discussed. Our goal is to provide intern ocularist confidence in the procedure and patient care.</i></p>	Philippine Sea
<p><b>COO 15</b></p>		
12:00pm - 1:30pm	<b>Lunch on Own</b>	
12:00pm – 4:00pm	<b>ASO Education Committee Meeting</b>	South China Sea
1:30pm – 2:30pm	<p><b>COO Course #9008: Record Keeping</b></p> <p>Presenter: Jean Thompson Bourne, BCO, BADO, FASO</p> <p><i>This record keeping course is to prepare the Intern for recording Ocularist/Medical healthcare information in the patient record from data collected during the patient encounter. We will also look at varying areas in the Ocularist office that also involves record keeping.</i></p>	Philippine Sea
<p><b>T</b> <b>COO 15</b></p>		
	<ol style="list-style-type: none"> <li>1. How to use SOAP as a guide for notes.</li> <li>2. How your notes flow through the office.</li> </ol>	

3. *Address how and what records effects the practice.*
4. *Address the time table for record storage.*

2:00pm – 5:00pm	<b>ASO General Conference Registration</b>	Registration South
2:30pm – 2:45pm	<b>COO Break</b>	
2:45pm – 3:45pm	<b>COO Course #9008W: Record Keeping Workshop</b> Instructor: Jean Thompson Bourne, BCO, BADO, FASO <i>This workshop will look at the specific information taken during an encounter and how was it recorded in different situations. We will have scenarios to practice and role play.</i>	Philippine Sea
	<b>COO 10</b>	
4:00pm - 5:00pm	<b>#200: ELE Exams</b>	Java Sea 1
6:30pm - 9:00pm	<b>Welcome Reception</b> Sponsored by <b>OCuSOFT</b>	Promenade Deck

**Sunday, May 12, 2019**

8:00am – 12:00pm	<b>Registration Continues</b>	Registration South				
8:15am – 9:00am	<b>Breakfast – Meet your Exhibitors</b>	Prefunction A Space				
9:00am – 9:15am	<b>Welcome</b> President Antonio L. Alcorta, BCO, BADO Program Chair James R. “Rick” Bowen, Jr., BCO, BADO	Oceana Grand Ballroom				
9:15am – 10:15am	<b>Course #603: “The Lacrimal System”</b> Presenter: Ryan Scruggs, MD <i>This lecture will provide an overview of the lacrimal system including the pertinent anatomy, physiology, and pathology. We will cover many of the issues that ocularist are likely to encounter involving the lacrimal system. This will include common problems of tearing, infections of the lacrimal system, tumors, and trauma. The talk will also cover how these problems are managed including medical and surgical treatments.</i>	Oceana Grand Ballroom				
	<b>T</b>					
	<table border="1"> <tr> <td>ASO/COO</td> <td>NEBO</td> </tr> <tr> <td>15</td> <td>8A or 4B</td> </tr> </table>	ASO/COO	NEBO	15	8A or 4B	
ASO/COO	NEBO					
15	8A or 4B					
10:30am – 11:30am	<b>Course #756: “Scleral Shell Fabrication”</b> Presenter: William H. “Hank” Freund, Jr., BCO, BADO <i>The development of the process to make Scleral Cover Shells parallels the development of the process to make Scleral Contact Lenses. This course will explore the similarities in producing a shell for blind and sighted eyes made from polymethyl-methacrylate. The standard for the cover shell should be as rigorous as what is made for a sighted eye.</i>	Oceana Grand Ballroom				
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ASO/COO	NEBO					
15	8A or 4B					
12:00pm	<b>Lunch on your Own</b>					
12:00pm	<b>Apprentice / Associate / Intern Meeting</b> <i>Enjoy the Theme Parks and Surrounding Areas</i>	Hibiscus Room				

**Monday, May 13, 2019**

7:30am - 8:15am      **Breakfast**      Prefunction A Space

8:00am – 10:00am      **ASO Registration continues**      Registration South

8:15am - 9:30am      **Course #645: “Basic Pharmacology for the Ocularist”**  
 Presenter: Angelique Bowen Norwood, MS, CRNA, ARNP      [Oceana Grand Ballroom](#)  
*While most of what the Ocularist performs is art, from the modified impression to finalizing and polishing the end product, consumers of ocular prosthetic devices expect their Ocularist has had some training in understanding of what material and solutions are going into their eye socket. This course is designed with the Ocularist in mind, covering concepts of basic pharmacology and its terminology. Discover and learn what results from use of drugs and solutions in the affected and unaffected eye sockets.*



ASO/COO	NEBO
15	10A or 5B

9:30am – 9:45am      **Refreshment Break with our Exhibitors**      [Oceana Grand Ballroom](#)  
 Including one informational talk by an exhibitor

9:45am – 10:45am      **Course #928: “Working Healthy as an Ocularist”**      [Oceana Grand Ballroom](#)  
 Presenters: Christina King, BCO, BADO & Sarah Dobey, LPC, MAC, ACS  
*The expectation that we can be immersed in suffering and loss daily and not be touched by it is as unrealistic as expecting to be able to walk through water without getting wet (Rachel Remen, 1996)*

ASO/COO	NEBO
10	4B

10:45am – 11:00am      **Refreshment Break with our Exhibitors**      [Oceana Grand Ballroom](#)  
 Including one informational talk by an exhibitor

11:00am – 12:30pm      **Course #778: “Nonviolent Communication: A Quality of Connection in the Patient - Ocularist Relationship”**      [Oceana Grand Ballroom](#)

ASO/COO	NEBO
10	6B

Presenter: Stephanie Bachmann Mattei  
*Nonviolence is more than "not being physically violent." Nonviolence represents a way of being with a quality of presence that is rooted in the commitment to honor the integrity of another human being (and our own). Nonviolent Communication is a way of living — how we relate to others and ourselves. It is a way of communicating that supports connection with and compassion for ourselves and others. Out of this connection, everyone's needs are valued, and we regain our natural joy in giving. Stephanie is passionate to share her understanding of NVC as a life-long practice to empower oneself and others to celebrate the humanity in one's own being, and to encounter the humanity in the other person. NVC offers transformational processes to support the journey from human to humane by providing clear tools for healing and reconciliation of warring parts within our psyche, for emerging into our wholeness, for consistently re-connecting with our authenticity, and for practicing the gift of mindful and compassionate presence for ourselves and others.*

12:30pm      **Bus Departs for the ASO Annual Golf Tournament**  
 Depart from the doors near the registration north booth in the Conference Center

*Enjoy the Theme Parks and Surrounding Areas*

**Tuesday, May 14, 2019**

7:30am - 9:00am	<b>Breakfast</b>	Prefuntion A Space				
7:45am – 8:45am	<b>Exam for COO Course # 7008 “Post-Surgical Evaluation and Conformer Use”</b>	Coral Sea				
8:00am – 9:00am	<b>ASO Board of Directors Meeting</b>	Java Sea 2				
9:00am - 10:00am	<b>Course #910: “Photography for the Ocularist Practice”</b> Instructor: Monica Erickson, BCO, BADO <i>This course will explore what ocularists should consider when capturing the best photos possible of the patient, the eye and the prosthetic. Composition, background, lighting and cropping methods to showcase your work as effectively as possible will be discussed. Different methods of photography will be compared as well, including tablets, cell phones and digital cameras. Photo release consent forms and what they should include will be reviewed as well.</i>	Oceana Grand Ballroom				
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11:30am –12:30am	<b>Exam for Course #756: “Scleral Shell Fabrication”</b>	Coral Sea				
12:30pm – 1:30pm	Lunch on Your Own					
1:30pm - 2:30pm	<b>Exam for Course #645: “Basic Pharmacology for the Ocularist”</b>	Coral Sea				
2:45pm - 3:45pm	<b>Exam for COO Course #9008: “Record Keeping”</b>	Coral Sea				
4:00pm - 5:30pm	<b>Course 830: Apprentice / Associate / Intern Lecture Workshop</b> Moderator: Marie France Clermont, BCO, BADO, FASO	Oceana Grand Ballroom				
	<ol style="list-style-type: none"><li>1. Kaylee Dougherty, BCO, CCA, COO Intern <b>Design Process: Engaging our Patients Through Design Thinking</b> <i>Empathize, Define, Ideate, Prototype, and Test are the five steps in the design thinking process. We know that patient engagement is key to providing quality care, so if we consider these steps as they relate to our process, can we use them as a tool to strategically and thoughtfully better our patients' outcomes?</i></li><li>2. Armon Akhlaghi, COO Intern <b>Do You Give a Sit?</b> <i>Ocularist spend a lot of the work day sitting down, putting pressure on their backs. Does your chair give you proper support or does it or not?</i></li><li>3. Cameran T. Hadlock, COO Intern <b>The Three Major Causes of Eye Loss</b> <i>A presentation on the three major causes of eye loss as seen at our office. Presenting data and interpretation of the data.</i></li></ol>					

4. Chandrashekhar Chawan, PhD, ASO Associate  
**Color Blindness**  
*Color blindness, or more precisely color deficiency is a difficulty distinguishing certain colors, such as blue and yellow or red and green. Color blindness is an inherited condition that affects males (8%) more than females (1).*
5. Jonathan H. Brett, COO Intern  
**Intern Tips for Faster Waxing**  
*This lecture is to share with my fellow interns, apprentices and associates some tips and tricks I've been taught and have discovered that help speed up my fitting time and help me achieve a great prosthetic result.*
6. Randal Minor, BCO, ASO Associate  
**Your Resourceful Customer, A Homemade Prosthesis**  
*A chronological list of events showing the loss of an eye and the resulting homemade prosthesis.*
7. Nicole Walker, COO Intern  
**The Push for Preservative Free**  
*A talk about artificial tears and more specifically the push for using preservative-free artificial tears.*
8. Devon Marie Bullard, COO Intern  
**Resources to Help our Patients Adapt with Vision Loss**  
*There are a lot of resources we can provide and ways we can help our patients live with vision loss. Technology can provide a lot of valuable assets to assist them in their daily lives.*
9. Bridget Kinneer, BCO, COO Intern  
**Emotional Sensitivity for the Ocularist**  
*Two unique cases of listening to the patient and their specific needs.*
10. Camille Loyer, COO Intern  
**Architecture & the Artificial Eye**  
*Let's explore the similarities between Architecture and Ocularistry: How do both professions use natural geometries and strength found in nature in their work? What influences do natural forces have on the end result of an Artificial Eye or a building and how does the Ocularist make compromises based on these natural forces that are out of their control?*
11. Nelson Hughes, COO Intern  
**Black to Light**  
*My powerpoint will go into the details of the different pigments of black and how to use them to create better ocular prosthetics.*
12. Katerina Moldowan, COO Intern  
**Coping with Grief and Loss**
13. Rachel Dudash, Apprentice  
**Rapid Production of Ocular Prosthetic Components**

6:00pm – 7:00pm **ASO Reception** Wantilan

7:00pm - 10:00pm **Awards Banquet** Wantilan

**Wednesday, May 15, 2019**

8:00am – 9:00am **Breakfast** Oceana Grand Ballroom  
Say Farewell to the Exhibitors

9:00am – 10:00am **Course #653: “Psychological Impact of Eye Loss”** Oceana Grand Ballroom  
Moderator: David Wyatt, BCO, BADO

ASO/COO	NEBO
10	4B

*Participants: Local Ocular Prosthesis Patients*

- *Dennis (recently became an artificial eye wearer)*
- *Samantha (adult wearer of scleral shell since teenage years)*
- *Mona (adult wearer of artificial eye since childhood accident)*
- *Philip (most recently became an artificial eye wearer)*
- *Cynthia (mother of pediatric patient)*
- *Karol (adult wearer of artificial eye since teenage years)*

Local monocular patients volunteer to participate in discussion about their personal experiences with loss of eyesight and becoming a consumer of their particular ocular prosthetic device. Participation from the floor will be welcomed.

10:15am – 11:45am **Course #790-19S: “John J. Kelley, Sr. Mini-Max Lectures”**  
Moderator: David G. LeGrand, BCO, BADO, FASO Oceana Grand Ballroom

ASO/COO	NEBO
10	6B

**1. And.....Action!**

*Presenter: James R. “Rick” Bowen, Jr., BCO, BADO*

Working in the entertainment and movie production industry can be particularly challenging, enjoyable, and enlightening. Especially when it comes to working as the ocularist on a movie production set. The presenter shares his experiences in his work with the cast and crew of the recently released movie, **Zero**.

**2. Process Hollow Ocular Prosthetics**

*Presenters” Nancy A. Hansen, CDT, CCA, BS & SSgt Ethan R. Hart, CDT (USAF)*

The patient presented has had an extensive resection of his frontal bone including the orbital content. Complications from repeated cranial implant failures due to subsequent infection, have resulted in a very large orbital defect. The floor and walls of the orbit were lined with a skin graft however the eyelids were not removed eliminating the possibility for fabrication of a traditional orbital prosthesis. The advantage of fabricating a hollow prosthesis is less weight resting on the floor of the orbit while providing a prosthesis with appropriate size, dimension and stability. This presentation will outline the steps necessary to fabricate a hollow ocular prosthesis. *Note, the views expressed in this lecture are those of the presenters and do not reflect the official views or policy of the U.S. Department of Defense or its Components.*

**3. 3D Printed Impression Trays**

*Presenters: Christina King, BCO, BADO & Zachary Leitzel*

Technology is slowly being integrated into our field, while we still cannot scan eye sockets to 3D print eyes we can use similar technology to help aid us in developing a more streamline approach to help ease the fitting process. By

creating 3D printed impression trays we can cut the production time by single handedly making them in a slow and very tedious process as well as reduce any areas that can harbor bacteria by making a solid shape without adhesives. We can also cut away weight of the traditional tray so that we can produce a more accurate reading of the impression. We have taken into consideration the various shapes that are used in impression trays and have narrowed them down to 15 basic shapes. In all, we wish to help ocularist cut down on irritation to the socket by providing them ergonomic shapes as well as fitting time to make the process more accurate and enjoyable for everyone.

4. **Perspectives Revisited**

*Presenter: Phil Bowen, BCO, BADO*

Will briefly go over the different perspectives of ones looks, and how this pertains to Ocularistry.

5. **Micropthalmia in Congenital Zika Syndrome: A Case Report**

*Presenter: Beatriz González Vivas, BCO, BADO*

6. **Keratoprosthesis - Artificial Cornea**

*Presenter: Chandrashekhar Chawan, PhD*

Keratoprosthesis is a clear plastic implant that is used to replace a totally opaque cornea to gain vision back into the corneal blind patients whose posterior segment of eyes are normal. As an ocularist, many times we see totally opaque cornea to be fitted for thin scleral shell. If you do a simple torch light examination and see if there is a light perception in all direction, that patient may benefit from some kind of keratoprosthesis implantation and he/she should be referred back to a corneal surgeon to see if he/she can be operated for keratoprosthesis for visual rehabilitation.

Conference Concludes

**T** = Tested Course. Exams for all tested courses held on Tuesday.

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