



# Problem Solving: Path to Innovation

2019 IAA Conference Program Outline – As of March 25, 2019

Note: Schedule is Subject to Change.

33<sup>rd</sup> Annual Educational Conference

June 12-15, 2019

Scottsdale, Arizona, USA

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## Wednesday – June 12, 2019

9:00 am – 5:00 pm      Exhibitor Set up

9:00 am – 12:00 pm      **Pre-Conference Workshop with Technovent - Silicone Technology – Greater Understanding Results in Improved Prostheses’**  
**Mark Waters, Ph.D. and Alan Bocca, Consultant in Maxillofacial Prosthetics**

The first part of this workshop will be a combination lecturing, demonstration and hands on exercises for the delegates, focussing on understanding the building blocks of silicone formulations. This initial part of the workshop will give the delegates an insight into chemically what is happening every time they use silicone materials and what potentially can go wrong. In the second part of the workshop the knowledge delegates have gained in part 1 of the workshop will be applied to a practical clinical application. The course is aimed at those with some anaplastology experience who want to increase their knowledge of silicone technology, and learn more about how greater knowledge of silicones can lead to improved prostheses. The presenters have a wealth of experience in silicone science and anaplastology and the workshop gives the opportunity for the participants to ‘pick their brains’ in an informal atmosphere.

1:00 pm - 5:00 pm      **Pre-Conference Workshop with Factor II - Introduction to Fabricating with High Consistency Silicone Rubber**  
**John McFall, Executive Director, Factor II and Stefan Knauss, MAMS, CPO**

HCR silicones are gaining popularity among professionals as they realize that high-quality medical appliances can be made with relative ease. HCR silicones are clay-like compounds that enable the clinician to form finished products without needing to build complex molds. This course is designed to introduce the prosthetist or anaplastologist to the essential principles involved in fabricating with these amazing compounds. The course will cover laboratory tools and requirements, manual fabricating techniques, project planning, pigmenting, milling, forming and curing. Each attendee will fabricate a prosthetic interface over a plaster cast with guidance from the presenters. Professionals from a variety of backgrounds can expect to recognize, from the fundamentals presented, endless applications of HCR silicone for their own practice.

6:00 pm – 8:00pm      **Welcome Reception and Poster Session**

**Thursday – June 13, 2019**

Scientific Session and Workshop: Day 1

7:15 am – 8:00 am      Light Breakfast for All Attendees

8:00 am – 8:05 am      President's Welcome

8:05 am – 8:15 am      Conference Chair Welcome

**Session Theme: Modeling Techniques and Materials**

8:20 am – 9:05 am      **KEYNOTE** - *Anatomical and Dermatologic Wax Modeling Techniques*, Eleanor Crook, MA, Sculptor and Medical Modeler

9:10 am – 10:00 am      Materials Panel: Discussion of Desired/Optimal Properties of Different Materials Making Them Ideal for Particular Devices; Selection, Application, and Successful Combinations of Materials, Moderated by Julie Jordan Brown, MAMS, CCA

10:05 am – 10:20 am      The Digital Revolution in Maxillofacial Prosthetics: Is There a Price to be Paid?, David J. Reisberg, DDS, FACP, FAAMP

10:25 am – 10:40 am      Integration of Computer Aided Modeling and Manufacturing into Maxillofacial Prosthetics, Banu Karayazgan Saracoglu, DDS

10:40 am – 11:00 am      Coffee Break in Exhibit Area

**Session Theme: Retentive Solutions for Craniofacial Prostheses**

11:00 am – 11:15 am      Prosthetic Management of a Mid-facial Malignant Fungating Wound, Allison Vest, MS, CCA

11:20 am – 11:35 am      Adhesive Factors: Success with Adhesive-Retained Prostheses, Paul Tanner, CCA

11:40 am – 11:55 am      Using HCR Silicone to Customize Eyeglass Frames for Nasal Prosthesis Retention, Gina Cohen, MFA, CCA

12:00 pm – 12:15 pm      Placement of Orbital Implants for Facial Prosthesis, Stefan Edmonson

12:20 pm – 12:35 pm      Best Laid Plans: When Things Don't Go According to Ours..., Akhila Regunathan, BFA, MS

12:35 pm – 1:35 pm      Lunch

1:35 pm      Announcements

**Session Theme: Looking Forward: Finding Solutions for the Future of Anaplastology**

1:40 pm – 2:20 pm      **KEYNOTE** – *3D-Printing in Medicine: From Models, Guides and Prosthetics to New Advanced Regenerative Biomaterials and Bioprinting*, Adam Jakus, Ph.D., Dimension Inx

2:25 pm – 2:55 pm	Fundraising Strategies in Anaplastology and Maxillofacial Prosthodontics: A Global Perspective, Rodrigo Salazar Gamarra, DDS
3:00 pm – 3:15 pm	Hiring Process for an Anaplastology Clinic: Quebec's Team Tests, Annie Laverdiere
3:15 pm – 3:35 pm	Coffee Break in Exhibit Area
3:35 pm – 3:50 pm	Educational Pathways in Anaplastology, Erin Stevens, MS and Roberto Fanganiello, Ph.D.
3:55 pm – 4:10 pm	Anaplastology and Social Media, Alejandro Padilla, MS
4:10 pm – 4:20 pm	Sponsor Introductions & Announcements
4:20 pm – 5:45 pm	Techniques Showcase

## Friday – June 14, 2019

Scientific Session and Workshop: Day 2

### Session Theme: The Art of Working with Silicone

7:30 am – 8:55 am	IAA Business Meeting & Membership Breakfast – <i>Members Only</i> ; Light Breakfast for All Attendees
8:55 am – 9:00 am	Announcements
9:00 am – 9:45 am	<b>KEYNOTE</b> – <i>Kazuhiro Tsuji's Hyperrealistic Silicone Portraits – Part 1</i> , Kazuhiro Tsuji, Special Effects Artist and Hyperrealistic Sculptor
9:45 am – 10:00 am	Coffee Break in Exhibit Area
10:00 am – 11:00 am	<b>KEYNOTE</b> – <i>Kazuhiro Tsuji's Hyperrealistic Silicone Portraits – Part 2</i> , Kazuhiro Tsuji, Special Effects Artist and Hyperrealistic Sculptor

### Session Theme: Problem Solving with Somatic Prostheses

11:05 am – 11:20 am	High Consistency Silicone Rubber Basics, Stefan Knauss, MAMS, CPO
11:25 am – 11:40 am	Levels of Foot Amputation and Their Effects on Ambulation, Geoff Smith
11:45 am – 12:00 pm	Inter-practice Collaboration for Partial Hands and Feet – How Working Together Benefits All, Paul Rothchild and Michaela Calhoun, CCA
12:05 pm – 12:45 pm	<b>KEYNOTE</b> – <i>Diabetic Foot Complications – Optimizing Outcomes, Minimizing Amputations</i> , Jeff Jensen, DPM, FACFAS
12:45 pm – 2:15 pm	Lunch on Your Own and New IAA Board Meeting
2:15 pm – 2:20 pm	Announcements
2:20 pm – 2:50 pm	<b>Special Presentation: History of Anaplastology at Stanford University</b> , Barbara Spohn Lillo, AS, CCA-Ocularist, CF-m and Donald Laub, MD
2:55 pm – 3:55 pm	<b>Sponsor Learning Workshop with Southern Implants – FREE TO ATTEND!</b>

3:55 pm – 4:15 pm      Coffee Break in the Exhibit Hall

**Session Theme: Patient Experience**

4:15 pm – 4:30 pm      Development of a Regenerative Medicine Program Focus on Treatment of Head and Neck Morbidities, Mark S. Chambers, DMD, MS

4:35 pm – 4:50 pm      Customer Service Orientation in Healthcare: Utilizing Counseling Skills for Improved Patient Outcomes, Stevie Pena, Licensed Mental Health Counselor

4:55 pm – 5:10 pm      Benefits of a Virtual 3D Workflow of Custom Made External Breast Prosthesis: A Prospective Study of 40 Women, Gaston Bernier, DMD, FADQ

5:15 pm – 5:30 pm      The Empirical Method in the 21st Century: How to Fit an Indwelling Ocular, Barbara Spohn-Lillo, AS, CCA, CF-m

5:30 pm – 5:35 pm      Closing Remarks

7:00 pm – 9:00 pm      **IAA Banquet**

**Saturday – June 15, 2019**

8:00 am – 9:30 am      **Post-Conference Workshop with Fourth Seal Studios  
Digital Approaches to Iris Design and Ocular Fabrication-- Photoshop  
Painting, Custom Brushes, Iris Photography, Scanning and SLA Printing**

Fourth Seal Studios is a California-based company that uses 3D modeling and digital design to fabricate custom eyes and make-your-own-eye kits for special effects and other uses. During this presentation, Fourth Seal will demonstrate their workflow for fabrication of oculars, utilizing programs such as CAD software, ZBrush and Photoshop. Additionally, they will demonstrate of their approach to digital painting and photo iris editing and show how their techniques can be integrated into the medical field and anaplastology practice.

9:30 am – 12:30 pm      **Post-Conference Workshop with Rodrigo Salazar Gamarra, DDS  
Accessible 3D Photogrammetry for Facial Prosthesis Data Acquisition**

In this workshop, participants will be exposed to the scientific theory behind photogrammetry-based 3D scanning technology as we explore affordable photogrammetry applications accessible to anaplastologists and how to implement them into one's workflow. Participants will get hands-on practice conducting 3d scans and data management using smartphone photogrammetry software and Blender™, a free and open source complete 3D creation suite.