

THE SCIENTIFIC ESTHETICS SYMPOSIUM - ELEMENTS OF ESTHETICS 2.0

MASTER SCHEDULE – NOVEMBER 8TH & 9TH, 2026 – All lectures presented in the Eastern Time Zone

We reserve the right to make schedule changes or modifications as necessary



TIME	SUNDAY NOVEMBER 8 TH	EDUCATOR
8:30 9:30 AM 8:15 AM LOG ON 60 MIN.	THE ACNE PREPARATION PRIMER: A GUIDE TO UNDERSTANDING THE MOST EFFECTIVE CLINICAL ACNE COMPOUNDS: Acne vulgaris remains a common condition affecting people of all ages, though it primarily affects adolescents and young adults. It presents with multiple lesion types, and its development involves a complex interplay of genetic, hormonal, microbial, and inflammatory factors. Topical treatments include retinoids, benzoyl peroxide, antibiotics, and other specialized agents. For moderate-to-severe cases, systemic therapies such as antibiotics, hormonal treatments, and retinoids are particularly effective. Investigational therapies such as biologics, bacteriophages, probiotics, and peptides show promise as future treatment options. Dermatologists now view acne as a chronic inflammatory disease, focusing on preserving the skin barrier and using combination treatments that target excess sebum, keratin buildup, bacteria (<i>C. acnes</i>), and inflammation. New strategies involve combination therapies—multi-ingredient formulations designed to improve patient adherence and address multiple disease pathways. This presentation discusses current treatment standards, new compounds, and innovations targeting the diverse aspects of acne vulgaris.	Dr. Mark Lees PhD, MS, LE USA 
9:30- 10:30 AM 9:15 AM LOG ON 60 MIN.	EXPLORING TRANEXAMIC ACID IN TOPICAL CARE: MECHANISMS OF ACTION AND ESTHETIC POTENTIAL: Tranexamic acid is a well-established systemic hemostatic agent that has recently gained significant traction in cosmetic dermatology and skincare practice. We will begin by discussing tranexamic acid and its mechanism of action as a pharmaceutical drug, providing a foundation for understanding its rapidly evolving role in topical skincare. This approach will help bridge the gap between classical pharmacology and the molecule's performance in local applications. Special attention will be given to the mechanisms of topical action, its influence on key physiological processes in the skin, and the specific clinical challenges it addresses today. We will discuss why this ingredient has become one of the most compelling and promising tools in aesthetic medicine, providing a scientific rationale for its use in anti-aging programs and the management of various dermatological and aesthetic skin concerns	Dr. Elena Hernandez Jimenez PhD ISRAEL 
10:30 – 11:30 AM 10:15 AM LOG ON 60 MIN.	THE ROOT CAUSE OF CANCER FROM AN INTEGRATIVE ONCOLOGY PERSPECTIVE: From an integrative oncology perspective, cancer is seldom attributed to a single causative factor. It is recognized as a complex, multifactorial systemic process driven by genetic alterations, sustained inflammation, metabolic disturbances, and environmental influences that accumulate over time. Integrative oncology seeks to treat the individual holistically and emphasizes critical factors involved in disease development and progression. This approach combines conventional medicine with evidence-based complementary therapies and lifestyle modifications for purposes of treatment, prevention, and health promotion. Its methodology adopts a holistic stance, concentrating on the individual rather than solely on the disease. Gez will discuss key factors regarding prevention, management, and care from an integrative viewpoint.	Dr. Gez Agolli DrPH, PhDM, BBS USA 
11:30 - 12:30 PM 11:15AM LOG ON 60 MIN.	EPIGENETICS EVOLVED - HOW LASERS RE- PROGRAM THE SKIN: The role of lasers in aesthetics is rapidly evolving beyond traditional concepts of thermal injury and collagen stimulation. Emerging research shows that laser treatments influence the skin at the molecular level, including modulation of epigenetic pathways that control gene expression, inflammation, and regeneration. This lecture explores how lasers act as epigenetic modulators, affecting DNA methylation, histone modification, and cellular signaling to support long-term skin health and rejuvenation. Attendees will gain a deeper understanding of how these mechanisms contribute to clinical outcomes in common skin conditions such as aging, pigmentation, and scar revision. This session will help providers move beyond traditional thinking and confidently integrate regenerative laser protocols into their treatment plans. Objectives include defining epigenetics and its role in skin health and aging; explaining how lasers influence gene expression and regenerative processes; recognizing the clinical impact of epigenetic changes in common skin conditions; and applying this knowledge to improve treatment outcomes and patient results.	Terri Wojak LE, NCEA USA 2026 GLOBAL EDUCATIONAL AMBASSADOR 

12:30 - 1:15 PM 12:15 PM LOG ON 45 MIN.	<u>THE FACIAL AND SKIN AGING MATRIX - BIOCHEMICAL MECHANISMS AND REGENERATIVE CONCEPTS:</u> Facial and skin aging constitute a complex, multidimensional process influenced by genetics, lifestyle, and time. This process encompasses a variety of structural and biochemical modifications, including physiological transitions, extracellular matrix degradation, cellular senescence, enzymatic activities, and other biological mechanisms. The presentation will explore the fundamental principles and stages that characterize the aging of facial structures and the skin's positioning. Numerous internal and external factors affect cellular activity and contribute to alterations in facial appearance. Science underscores the interconnected roles of environmental, biological, and metabolic factors—such as air pollution, chemical exposure, radiation, pharmaceuticals, nutrient deficiencies, and immune system health—that collectively influence skin aging, glycation, inflammaging, and cellular senescence. This presentation will address several anatomical and physiological modifications, including alterations in skin constituents.	Dr. Erin Madigan-Fleck NMD, LE, LEI USA 
1:15 – 1:45 PM 1:00PM LOG ON 30 MIN.	<u>AWARDS PRESENTATION</u> EDUCATIONAL AMBASSADOR: Terri Wojak LE, NCEA PHILANTHROPY AWARD: Kris Campbell LE, CEO LEGACY AWARD- <i>Excellence in Education</i> : Morag Currin- Skin Therapist, Oncology Esthetics Educator HORIZON AWARDS: EMERGING EDUCATORS IN THE SPOTLIGHT: • Dr. Yuliya Borzyk PhD – Ukraine – The Phoenix Award • Brooke Mouzakis Kennedy LE – USA – Rising Star Educator • Shirley Avila Dreyfus LE - USA – Bilingual Education Outreach	
1:45- 2:30 PM 1:30 PM LOG ON 45 MIN.	<u>ANATOMY OF SUNSCREENS: THE CHEMISTRY AND MYTHS OF MODERN SUN PROTECTION:</u> Over time, sunscreens have progressed from simple OTC beach products meant to prevent sunburn to sophisticated skincare formulations that also defend against long-term damage from chronic sun exposure, including HEV. Excessive UV radiation remains the leading preventable cause of skin cancer, causing over 90% of non-melanoma and melanoma cases in the U.S. It's crucial to look beyond marketing labels to understand how these products protect cellular DNA and prevent skin diseases. Knowing the different effects of UVA (mainly responsible for photoaging and immunosuppression) and UVB (the main cause of sunburns and skin cancer) is essential. This lecture will explore mechanisms of protection (chemical and mineral/physical agents), clarify the SPF concept, and review recently approved SPF ingredients available on the market.	Dr. Harry Fallick DO USA 
2:30- 3:30PM 2:15PM LOG ON 60 MIN.	<u>THE PROGRESSION OF FACIAL AGING & STRUCTURAL SCIENCES:</u> Facial aging is a complex, gradual process that involves changes in the skin, fat pads, ligaments, facial muscles, and underlying bones. Advances in structural sciences have shifted aesthetic treatments from merely addressing surface wrinkles to a holistic, biomechanical approach focused on preventing structural collapse. As the skin ages, various factors and deficiencies contribute to morphological shifts. This lecture will explore age-related anatomical and physiological transformations in facial skin and examine facial aging from a structural perspective, highlighting how changes in bone, muscle, fascia, circulation, and tissue mobility influence the aging process. With over 33 years of experience working with the face, Helena Pahava will discuss how gentle, anatomy-based manual techniques can promote healthy tissue function and support natural facial rejuvenation. Additionally, she will introduce her system, which integrates esthetic lymphatic drainage, facial massage, and buccal massage to work effectively and respectfully with the face's natural structure.	Helena Pahava LE USA 
3:30- 5:00PM 3:15PM LOG ON 90 MIN.	<u>BEYOND BARRIER REPAIR: CORNEOTHERAPY as a CLINICAL REASONING FRAMEWORK for the MODERN ESTHETICIAN:</u> Corneotherapy is often introduced as barrier repair, but in modern clinical practice, it can be far more powerful: a structured way of thinking. This lecture explores how a corneotherapeutic lens helps aesthetic professionals analyze compromised skin, recognize inflammatory patterns, connect client history with visible presentation, and make more thoughtful, scope-appropriate recommendations. Attendees will learn to move beyond symptom-based treatment planning and begin using the stratum corneum, barrier function, client history, and pattern recognition as the foundation for stronger professional decision-making.	Rene ´ Serbon Skin Therapist Global Corneotherapy Expert CANADA 

5:00-6:30PM 4:45PM LOG ON 90 MIN.	<u>THE SCIENCE OF SPIN – UNMASKING INGREDIENT FACTS:</u> Obtaining credible information on the safety and effectiveness of cosmetic ingredients is a major challenge. *How can we distinguish propaganda, pseudoscience, and marketing strategies that are difficult to verify? What methods enable us to gather reliable scientific data on cosmetics, ingredients, and product safety? How can we separate fact from fiction and uncover the truths behind common misconceptions about cosmetic ingredients? * We turn to one of the industry’s most celebrated cosmetic chemists to help us navigate the complex landscape of cosmetic ingredient information. Join Vince as he takes us beyond scanning applications and websites to explore non-commercial information. This session aims to dispel myths and offer insights into the current difficulties in interpreting ingredients, how ingredients interact and support overall formulations, and the premise that no single ingredient should be the sole factor influencing a product purchase	Vince Spinnato Couture Cosmetic Chemist™ USA 
6:30-7:30 PM 6:15PM LOG ON 60 MIN.	<u>MAST CELL ACTIVATION AND SKIN SYMPTOMS IN ALPHA-GAL SYNDROME:</u> Alpha-Gal syndrome (AGS) is a tick-borne allergy to mammalian meat and dairy, most commonly presenting with skin reactions such as hives, angioedema, and itching hours after exposure. It results from the bite of the lone star tick, which introduces alpha gal a sugar found in mammals into the body. Individuals with AGS may experience severe reactions to foods and products containing alpha gal, sometimes without prior awareness of the allergy. Reactions can also occur from trace amounts in ingredients such as gelatin, glycerin, carrageenan, and animal-derived substances in personal care products, including tallow, lanolin, soaps, and moisturizers. Join Kris and Garrett for this enlightening discussion of the mechanisms underlying Alpha-Gal syndrome and the concerns related to cosmetic and skincare ingredients that all estheticians should be aware of.	Kris Campbell LE, CEO & Garrett Campbell RAI USA 
7:30-9:00 PM 7:15PM LOG ON 90 MIN.	<u>THE SCIENCE BEYOND THE SURFACE - THE EMERGING SCIENCE OF MITOCHONDRIA, LIGHT AND TISSUE INTELLIGENCE:</u> Modern aesthetic medicine has become increasingly sophisticated in how we stimulate, resurface, and repair the skin yet many practitioners still overlook the deeper biology governing tissue resilience, inflammation, healing, and regeneration. This cutting-edge session explores the emerging intersection of mitochondria, vitamin D signaling, circadian biology, deuterium metabolism, and cellular repair. Discover how light, metabolic function, protein integrity, and bioenergetics may influence skin aging, treatment response, inflammation, and even cancer-related tissue changes	Pia Kynoch ND AUSTRALIA 
MONDAY NOVEMBER 9 TH 2026		
TIME		EDUCATOR
8:30-9:30 AM 8:15AM LOG ON 60 MIN.	<u>IMMUNOMODULATION IN WOUND HEALING -CELLULAR MECHANISMS AND PATHWAYS:</u> Wound healing is a complex, dynamic process involving various cell types working together through different stages to restore tissue health. Immune cells not only monitor skin integrity but also actively contribute to repair. Both resident and recruited immune cells release cytokines and growth factors that enhance inflammation and work alongside non-immune cells to eliminate pathogens and debris, supporting tissue regeneration. Excessive or misdirected immune responses can result in prolonged inflammation, causing chronic or slow-healing wounds. The process entails a sequence of biochemical reactions and cellular activities, with growth factors and cytokines secreted in response to tissue injuries like burns, skin needling, or surgery. The extracellular matrix is crucial, providing a temporary framework, regulating cellular functions, facilitating interactions, and acting as a reservoir for cytokines and growth factors. This lecture will explore the extracellular matrix's dynamics, highlight key growth factors, and discuss the immune system's role in wound healing.	Alex Zani LE, LEI USA 
9:30-10:30 AM 9:15AM LOG ON 60 MIN.	<u>THE LONGEVITY AESTHETIC: THE MIND SKIN CONNECTION FOR HEALTHY AGING:</u> This educational presentation explores the connections among longevity, emotional well-being, skin health, and self-image through the principles of Geriatric Aesthetics and Aesthetic Health. Attendees will learn how age-related conditions such as Parkinson’s disease, Alzheimer’s disease, Type 2 diabetes, dementia, stroke recovery, medication side effects, and mobility or sensory changes can affect appearance, communication, confidence, and quality of life. The session emphasizes recognizing visible and behavioral signs of age-related conditions, responding appropriately within one’s professional scope and level of proficiency, and determining when referral to medical, wellness, or caregiving professionals is necessary. Participants will also receive guidance on safer product recommendations, adaptive aesthetic practices, and supportive client communication strategies that promote dignity, safety, wellness, and healthy aging across diverse populations.	Alison O’Neil BA, ME, ARS USA 

10:30 AM - 12:00 PM 10:15AM LOG ON 90 MIN.	MICROBIOME: A NEW LEVER IN THE FIGHT AGAINST INFLAMMAGING: Chronic, low-grade systemic inflammation that persists undetected for years is a key driver of age-related changes and serious pathologies. The link between systemic inflammation and aging is so profound that it has earned the term "inflammaging." This lecture will begin by examining the biological basis of this process. We will explore how the human microbiome interacts with the immune system and serves as an effective "lever" for controlling inflammation. In the practical segment, we will discuss three popular nutraceuticals and their effects on the gut microbiota and on the prevention of chronic systemic inflammation: ingestible collagen, hyaluronic acid, and hydrogen water.	Dr. Elena Hernandez Jimenez PhD ISRAEL 
12:00- 1:30 PM 11:45 AM LOG ON 90 MIN.	DRIVING FORCES: EXAMING THE ELECTROPHYSICS BEHIND ESTHETIC DEVICES: The increasing emphasis on devices within the esthetics industry reflects both technological advancement and heightened client expectations, fueled by a more informed wellness culture. This elevated awareness has refined expectations: clients increasingly anticipate personalized treatments and a more comprehensive approach to the intersection of skin health, lifestyle, and wellness. As advanced technologies become increasingly integrated into facial treatments, knowing which device to use, when to use it, and how to combine modalities effectively requires more than familiarity with protocols. It requires an understanding of the energy forms, instrument dynamics, tissue interactions, and technological distinctions that govern device performance. Driving Forces examines the electro physics underlying today's aesthetic technologies—how energy is generated, delivered, transferred, and ultimately interacts with tissue. Moving beyond device settings and protocol alone, this lecture emphasizes the principles that inform safe, deliberate, and synergistic treatment strategies. Understanding these mechanisms provides a deeper appreciation not only of how our devices operate, but why they produce the clinical effects we observe. The session will dissect the science and application of some of today's most sought-after technologies, including microcurrent, radiofrequency, microneedling, ultrasound, and LED, providing a framework for understanding their individual roles and their potential within an integrated esthetic practice.	Dr. Erin Madigan-Fleck NMD, LE, LEI USA 
1:30- 2:30 PM 1:15 PM LOG ON 60 MIN.	BEHIND THE SKIN CHANGES: THE GLP-1 & GUT CONNECTION: GLP-1 receptor agonists (GLP-1RAs) mimic the incretin hormone GLP-1, which intestinal L-cells produce after eating. This hormone plays a key role in regulating blood sugar and appetite. GLP-1 medications stimulate GLP-1 receptors in the pancreas, brain, and gut, leading to increased insulin secretion, decreased glucagon levels, and slower gastric emptying. The result is improved blood sugar control and notable weight loss. The term "GLP-1 face" describes the loss of facial volume and elasticity and is sometimes described as a more youthful appearance that can occur after weight loss. However, the skin changes seen with GLP-1 treatments are mainly due to rapid weight loss and localized fat reduction, and facial changes vary among individuals. One major concern arises when fat pads in the cheeks, temples, and jawline shrink quickly, leaving the skin to appear hollow or sunken. Dr. Sonza will explain the mechanisms of the gut-GLP link and clarify potential skin issues that may occur and their causes.	Dr. Sonza Curtis PhD, IFMC, PA-C USA 
2:30- 3:30 PM 2:15PM LOG ON 60 MIN.	UNRAVELING THE EPIDERMAL WALL: CELLULAR AND MOLECULAR SIGNATURES OF ABNORMAL CORNIFICATION: Abnormal cornification occurs when keratinocyte terminal differentiation becomes dysregulated, leading to defective protein cross-linking and lipid depletion in the stratum corneum. To understand the epidermal barrier, it is essential to analyze the unique cellular and molecular signatures that determine whether the skin remains protective or develops disease. This disruption results in skin scaling, barrier dysfunction, and inflammation, contributing to conditions such as ichthyosis, psoriasis, and atopic dermatitis. Evaluating cornification disorders requires identifying key molecular functions, structures, and roles. When cornification is irregular, the stratum corneum fails to form properly, shifting from a protective barrier to a state of continuous structural weakness and immune hyper-reactivity. This process is driven by structural collapse of corneocytes, enzymatic failures in cross-linking, deficiencies, and critical breakdown of the extracellular lipid barrier. Molecular defects, such as keratin mutations, protease imbalances, and lipid transport problems, create a feedback loop in which damaged keratinocytes release alarmins, triggering severe inflammation and further barrier damage. This lecture will examine the mechanisms underlying the barrier, including key structural signatures and nutrient-deprivation-induced skin defects, providing deeper insights into various skin barrier disorders from a cellular perspective.	Dr. Erin Madigan-Fleck NMD, LE, LEI USA 

3:30-5:00 PM 3:15PM LOG ON 90 MIN.	<u>THE N.I.C.E. SKIN CONNECTION: NEURO-ENDOCRINE-IMMUNE PATHWAYS in FUTURE FOCUSED CORNEOTHERAPY:</u> The future of corneotherapy requires practitioners to look beyond the surface and understand skin as a dynamic, communicating organ. This lecture explores the Neuro-Endocrine-Immune connection through a practical aesthetic lens, showing how stress, inflammation, barrier function, pigmentation pathways, immune activity, and client lifestyle factors intersect in the treatment room. Attendees will learn how emerging science around the skin-brain-body relationship can inform more thoughtful assessment, client education, and barrier-first support for chronic, reactive, and complex skin presentations.	Rene´ Serbon Skin Therapist Global Corneotherapy Expert CANADA 
5:00-6:00 PM 4:45PM LOG ON 60 MIN.	<u>THE FACE OF CANCER: HEAD AND NECK ONCOLOGY SIDE EFFECTS AND THE ESTHETICIAN'S ROLE:</u> Head and neck cancers affect some of the most complex and visible anatomy in the human body — and the consequences of treatment are profound, long-lasting, and deeply personal. This session provides oncology estheticians with a thorough grounding in the structures at risk, the treatments used, and the layered physical and psychological impact on clients who live with the aftermath long after active treatment ends. Beginning with a review of relevant head and neck anatomy — including muscles, nerves, salivary glands, lymphatic pathways, and the structures of the oral cavity, pharynx, and larynx — participants will build a clear picture of what is at stake when cancer arises in this region. Risk factors, including tobacco, alcohol, HPV, and occupational exposures, are examined in the context of who sits in the treatment chair. Treatment options — surgery, radiation, chemotherapy, and targeted therapies — are explored not only as medical interventions but also as sources of significant, ongoing side effects. Participants will gain working knowledge of the physical consequences their clients carry: fibrosis and scar tissue, trismus, nerve damage, lymphedema, dry mouth, dysphagia, and changes to skin, hair, and tissue integrity in the treatment field. Particular attention is given to head and neck lymphedema — one of the most underrecognized and undertreated complications of this cancer type. Both internal and external lymphedema presentations are addressed, including prevalence data and the esthetician's role in recognition, referral, and safe practice. The session closes with the psychological dimension: the visible, identity-altering nature of head and neck cancer and its treatment, and what it means for the client who arrives in your treatment room	Morag Currin Skin Therapist Oncology Esthetics CANADA 
6:00-7:00 PM 5:45PM LOG ON 60 MIN.	<u>MEDICALIZATION OF BEAUTY THROUGH BOTANICAL DRUG PRODUCTS IN CHRONIC DERMATOLOGICAL DISEASES:</u> The medicalization of beauty reflects a growing trend among consumers and clinicians, in which treating chronic dermatological conditions such as psoriasis, atopic dermatitis, and melasma now often combines therapeutic efficacy with aesthetic enhancement. Botanical pharmaceutical products are gaining prominence, evolving from traditional folk remedies into FDA-approved therapies backed by clinical evidence. Rather than relying exclusively on unregulated cosmeceuticals, dermatology increasingly uses rigorously standardized botanical extracts to address symptoms and enhance appearance. These botanical drugs are distinguished by their complex chemical compositions, which enable them to target multiple biological pathways simultaneously, thereby conferring antioxidant, anti-inflammatory, and barrier-repair benefits	Dr. Jayant Lokhande MD, MBA, CSO USA 

7:00-8:00 PM 6:45PM LOG ON 60 MIN.	<u>FROM MERIDAN TO MATRIX - EASTERN AND WESTERN SKIN REGENERATION TECHNIQUES:</u> Emerging trends in dermatological science increasingly emphasize regenerative therapies and more significantly, the integration of diverse modalities and techniques. Join Franck Joly, a specialist in cosmetic acupuncture trained in Europe, for an enlightening presentation examining the innovative convergence of Eastern medical practices and sophisticated Western aesthetic methodologies. With extensive expertise in both cosmetic and medical acupuncture. Franck is dedicated to sharing his professional expertise and practical method in integrative aesthetic medicine, providing attendees with a sophisticated perspective on the convergence of science, wellness, and beauty. He systematically integrates traditional acupuncture with advanced therapies, such as Percutaneous Collagen Induction Therapy (CIT), medical grade microneedling, cosmetic acupuncture, and red-light therapy. This presentation emphasizes innovative regenerative skincare techniques and illustrates how these modalities collaboratively stimulate collagen production, facilitate skin rejuvenation, and promote healthier, more luminous skin.	Franck Joly LAc, MTOM Dipl.OM USA 
8:00-9:00 PM 7:45PM LOG ON 60 MIN.	<u>LONGEVITY TECH: MOLECULAR MOVEMENTS IN LONGEVITY SKINCARE:</u> Molecular and longevity skincare shift from reactive "anti-aging" to proactive "skinspan" by using cellular repair tech that boosts mitochondrial health, delays cell aging, and maintains skin structure. These products incorporate longevity tech like NMN and NAD for cellular repair, with key ingredients such as acetyl zingerone targeting aging and peptides stimulating collagen. They extend skin vitality, resilience, and repair capacity, reflecting a movement toward emphasizing "healthspan" in wellness. In cosmetics, ingredients must do more than mask aging—they should influence repair, energy, and communication pathways. A new category of longevity cellular repair actives is emerging to support healthier skin over time.	Dr. Yuliya Borzykh PhD UKRAINE 

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THANK YOU! WE LOOK FORWARD TO SEEING YOU NEXT YEAR!

NOVEMBER 8TH & 9TH 2027

