







# The Scientific Esthetics Symposium - November 5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup> - MASTER SCHEDULE






**SUBJECT TO CHANGE\*** Schedule as of 10/23/23



**ALL CLASSES ARE PRESENTED IN THE EASTERN UNITED STATES TIME ZONE**





TIME	PRESENTATIONS - SUNDAY NOVEMBER 5 <sup>TH</sup> 2023	EDUCATOR
9:00 - 10:00 8:45 AM Log On	<b>WHAT EVERY ESTHETICIAN SHOULD KNOW ABOUT ACNE PRONE SKIN:</b> Do you see a lot of clients with chronic breakouts and acne-prone skin? Do you ever have difficulty getting their skin clear and keeping it clear? In this information-packed class, Dr. Mark Lees presents the facts about acne and science-based techniques to keep problem skin clear! Learn about hereditary factors, hormones, clogging cosmetic ingredients, dietary factors, and most importantly treatment plans with results! See actual case studies and learn the important factors to constantly keep in mind when treating acne and problem skin.	Dr. Mark Lees PhD USA 
10:00-11:30 9:45 AM Log On	<b>THE PATHOGENESIS OF CYSTIC ACNE:</b> Acne is estimated to affect 9.4% of the global population, making it the eighth most prevalent disease worldwide, and while acne vulgaris is commonly cited as being the most common form of acne – many misconceptions exist regarding the development and severity of advanced stages of cystic acne and acne conglobate. The management of these conditions should reflect the understanding of the variable physiological and histological aspects of these disorders, as they present with multi factorial concerns. This presentation will explore the pathophysiology and intricate anatomical processes regarding the development of acne, along with the circumstances that increase the development of advanced forms of acne.	Alex Zani LE USA 
11:30-12:30 11:15 AM Log On	<b>THE MICROBIOME, ACNE &amp; SEBUM:</b> The stratum corneum affords us a lipid and protein laden cornified surface supplying vital lipids, antimicrobial peptides, enzymes, salts, and many other compounds that contribute to skins protective mechanisms and barrier stability. The skin's biological functions present an ever-evolving ecosystem interacting and communicating between cells, the diversity of the microbiome, lipidic components, along with internal and external environments. These communal relationships are collectively the core components to skin barrier health and present numerous considerations with regard to the management of acne and rosacea. This lecture will discuss the interconnectedness of the microbiome and its cohesive interaction with lipid biology, its functioning role in synergistic skin barrier health.	Dr. Erin Madigan-Fleck NMD USA 
12:30-1:30 12:15 PM Log On	<b>HORMONAL FACTORS IN ACNE DEVELOPMENT:</b> Hormonal relationships within the body are a primary consideration for the potential development of acne and include several factors that markedly implicate hormonal imbalances. The characteristics of acne physiology have identifiable hallmarks whether the acne presents as either adolescent or adult acne, however the interrelationships of hormones and various hormone patterns play a significant role in the severity and term of acne. Dr. Tanner will explain the primary functions of these hormones, provide an overview of the implications of common hormonal imbalances, and methodology options that are considered to help support hormone homeostasis with regard to hormonal mediated acne.	Dr. Susan Tanner MD USA 
1:30-2:30 1:15 PM Log On	<b>PSYCHODERMATOLOGY - COMPASSION &amp; CARE:</b> Psychodermatology addresses the interaction emotional stressors and the correlation to skin conditions and their severity. This class will provide insights as to the socioeconomic and phycological impact acne clients may face due to their chronic conditions. Acne vulgaris one of the most common skin conditions. The prevalence of adult acne is increasing, and “female acne” has become a distinct clinical entity. The degree of psychosocial impairment correlates with patient's subjective assessment, not objective clinical severity of adult acne. The major emotional implications and its social consequences challenge the classical view of acne as something purely physiological or even trivial. Skincare recommendations and working with the cycle helps to alleviate the severity of the disease, the next step for a clinician in achieving successful outcomes is to guide self-management and work with patient's emotional experiences.	Katerina Steventon MsC. PhD ENGLAND 
2:30-3:30 2:15 PM Log On	<b>THE BUSINESS OF SKIN ASSESSMENT:</b> Today, the successful expansion of the esthetic practice is gauged on our potential to recognize our “niche” through the development of concepts, the instillation of savvy marketing strategies, our consistency in methodology, and the execution and delivery of our services. Quality, as well as value, represent important hallmarks that contribute to client retention, along with the implementation of a concise skin care program and plan of action. One success factor that remains at the forefront of any skin care program is the process of skin assessment. Skin assessment represents a focal point of the esthetician's acquired skill, knowledge of the skin, and insight into to developing a concise treatment plan for addressing skin concerns. The well-versed treatment plan presents an integral facet of revenue for the esthetician. A methodical approach to skin assessment is the foundational framework from which all facial techniques have originated. This methodology sets the standards and parameters of identification that must be determined in order to select the proper modalities, types of treatment programs, professional product integration, and home care for the client.	Margaret Walsh Global Educator HONORABLE INTERNATIONAL SPEAKER NEW ZEALAND 
3:30-4:30 3:15 PM Log On	<b>RECOGNIZING ROSACEA IN SKIN OF COLOR:</b> The incidence of rosacea is thought to be around 4% or less among the skin of color population. Individual studies in different nations show a higher prevalence of cases of late diagnosis and misdiagnosis due to variations of the symptom's presentation. We will conclude with exploring the distinct features of rosacea among the different ethnicities. The objectives for this lecture include Review the pathological mechanism of rosacea, describe special features of rosacea in SoC, Define the treatment goals, Address skin conditions similar to rosacea in diverse skin tones.	Pamela Springer LE USA 

<b>4:30-6:00</b> <b>4:15 PM</b> <b>Log On</b>	<b>FUELING THE FIRE- INGREDIENT ANTAGONISTS IMPACTING ROSACEA &amp; SENSITIVE SKIN:</b> One of the common accompanying symptoms of both acne and rosacea is skin sensitivity. A key determinant in skin sensitivity is the physiology and "barrier status" of the stratum corneum involving TEWL and lipids. Continual exposure to irritants and agents that disorient skin's acid mantle, natural lipids and water content will increase vulnerability to sensitivity. Many individuals are susceptible to at least one common ingredient in skin care or cosmetic products, and the potential for irritation and sensitivity increases with those individuals with an impaired stratum corneum. Products may contain ingredients that may be either singly, or when combined with other products present the activity to classify as <i>antagonist ingredients</i> , and instigate immune response for redness, itching, dryness, stinging, irritation and in some individuals – edema. Haptens are electrophilic compounds in the body that elicit the skin's immune response and potentiate allergic reactions. Haptens are <1kDa, and act as cutaneous allergens eliciting reactions on the skin. Low molecular weight ingredients may act as haptens and may be activated before the become a sensitizing antagonist. This lecture will explore some of the key aspects of skin sensitivity with rosacea and will describe both some of the most common and lesser-known cosmetic agents that may act as antagonists and give rise for the opportunity for skin sensitivity.	<b>Kris Campbell LE Garrett</b> <b>Campbell RA</b> <b>USA</b> 
<b>6:00 – 7:00</b> <b>5:45 PM</b> <b>Log On</b>	<b>PHOTOBIOLOGY - SUPPORTING ACNE AND ROSACEA CARE:</b> Photobiology, also known as LED therapy, low level light therapy, etc. has long been considered a valuable tool in professional skin care. Known for its versatility, red and infrared light is used to treat fine lines and wrinkles, improve tone and texture, enhance overall skin function, and promote healing. While blue light is often used to treat acne and has also been used in the treatment of rosacea, the benefits of red and infrared light for these conditions has become more apparent and better understood in recent years. In this class we will discuss these benefits, explore the mechanisms of action behind them, and offer suggestions on how to incorporate light therapy into professional protocols as both a stand-alone and combination treatment for improved skin function and enhanced results.	<b>Amy Gardner LE</b> <b>USA</b> 

TIME	PRESENTATIONS - MONDAY NOVEMBER 6 <sup>th</sup> 2023	EDUCATOR
<b>9:00-10:30</b> <b>8:45 AM</b> <b>Log On</b>	<b>THE ACNE TOOLBOX &amp; SUCCESSFUL EXTRACTIONS:</b> Follicle extraction is a vital part of successful treatments for acne and problem skin, yet it is one the most challenging techniques to master. In this class, Dr. Lees will discuss pore congestion and some time-tested tips to make extraction easier and more effective. This includes proper preparation of the skin, post-treatment, and the importance of home care to help facilitate easier and more comfortable extraction.	<b>Dr. Mark Lees PhD</b> <b>USA</b> 
<b>10:30-11:30</b> <b>10:15 AM</b> <b>Log On</b>	<b>THE SCIENTIFIC APPROACH TO SKIN NUTRACEUTICALS:</b> In recent years, there has been growing interest in the potential benefits of nutraceuticals for maintaining and improving skin health. Understanding the underlying mechanisms and evidence supporting their usage is crucial for both consumers and healthcare professionals. This lecture offers a comprehensive overview of the scientific literature, presenting the current state of knowledge regarding the efficacy and safety of nutritional supplements. Participants will gain a comprehensive understanding of the evidence supporting the usage of nutritional supplements for skin health, specifically in the context of acne and rosacea. Moreover, they will learn to recognize high-quality substances, ensuring the safe and effective usage of these skin nutraceuticals.	<b>Kristina Singer MsC</b> <b>AUSTRIA</b> 
<b>11:30-1:00</b> <b>11:15 AM</b> <b>Log On</b>	<b>ACNE CONCEPTS IN CORNEOTHERAPY:</b> Acne is a complicated skin condition that's not just about the skin's secretions, texture, and color, but also involves hormonal factors. A range of conventional treatments have been used for acne, but it's now becoming increasingly evident that they're not always suitable for all skin types. Effective treatment for acne in lipid dry skin requires a different approach to that used for hyperactive oilier skin types. To overcome acne effectively, a tailored treatment plan that suits an individual's unique skin type and hormonal makeup should be considered. Acneic issues can have several underlying causes, so understanding the specifics of an individual's acne issue is key to finding a suitable treatment regimen. By understanding the cells and systems involved in the condition of acne and considering which ingredients we have available in our scope of practice to assist while rebuilding the skin barrier function with a corneotherapy approach, this class is excellent for compounding all your previous knowledge with new knowledge to open a different and effective approach to sustainable results for your clients suffering with acne.	<b>Rene ´ Serbon</b> <b>Skin Therapist</b> <b>CANADA</b> <b>EDUCATIONAL AMBASSADOR</b> 
<b>1:00-2:00</b> <b>12:45 PM</b> <b>Log On</b>	<b>ACNE &amp; SKIN SIGNS IN CANCER THERAPIES:</b> Various cancer therapies may present cutaneous reactions as a result of chemotherapy or radiation and other related oncology therapies. In the last decade many new developments regarding oncologic treatments have occurred, along with the development of numerous targeted and immune related agents. Several new mechanisms of activity from these therapies have brought about a totally new spectrum of dermatological presentations in conjunction with medications and cancer therapies. This lecture will discuss some of the associated skin signs that may occur as a result of oncology therapies including trans epidermal water loss, rashes, scaling, skin sensitivity and acne. Additionally, there has been recent research giving insight to the potential connections between the development of various cancers and acne. Morag will discuss some of the highlights from this recent research and identify the hallmarks of oncology skin signs estheticians should be familiar with.	<b>Morag Currin</b> <b>Skin Therapist</b> <b>CANADA</b> 

2:00 3:00 1:45 PM Log On	<b>UNDERSTANDING SCARRING, HYPERPIGMENTATION &amp; SKIN NEEDLING IN THE SKINCARE PRACTICE:</b> In this presentation, we will discuss the causes and types of acne scarring and hyperpigmentation, and how skin needling can be an effective treatment option. The lecture will present the different types of acne scars and focus on skin needling as a treatment option. We will explore the different types of hyperpigmentation and explain how skin needling can be an effective treatment option. The lecture will explain numerous aspects of skin needling, techniques, and devices and the potential risks and benefits of the procedure. By understanding the causes and types of acne scarring and hyperpigmentation, and the benefits and risks of skin needling, skincare professionals can provide their patients with effective treatment options to improve their skin's appearance and boost their self-confidence.	<b>Candace Noonan LE USA</b> 
3:00 4:00 2:45 PM Log On	<b>THE RELATIONSHIP OF PHYTOCEUTICS IN IMPAIRED ACNE &amp; ROSACEA DERMAMICROBIOME CONDITIONS:</b> The skin microbiota can modulate the skin's innate and adaptive immune system. The skin can also discriminate between harmless commensal microorganisms and harmful pathogenic microorganisms. Keratinocytes are continuously interacting with the colonizing microbiota through pattern recognition receptors (PRRs), such as Toll-like receptors (TLRs), mannose receptors and the NOD-like receptors. Melanocytes, also being dendritic cells, can act like antigen presenting cells (APC) through endocytosis and phagocytosis along with the secreting of antimicrobial peptides (AMPs), cytokines and chemokines. AMPs can directly fight with bacteria, fungi, and enveloped viruses through a constant communication interplay among keratinocytes, immune cells and microorganisms that are invading. Many PhytoCuectics can be explored in terms of maintaining polydiverse nature of skin microbiota and microstatic and microcidal type of activity and adjuvant to enhancing AMP activity through topical and systemic applications.	<b>Dr. Jayant Lokhande MD, MBA, CSO USA</b> 
4:00- 5:30 3:45 PM Log On	<b>THE PATHOPHYSIOLOGY OF ROSACEA AND NEURODERMATIC SKIN:</b> The etiology of rosacea inflammatory responses are subject to sensory neurological influences as well as vascular changes. Rosacea, its subtypes as well as neurodermestic skin tendencies all feature similar characteristics include inflammatory mediators that are main triggers in the onset of rosacea "flares". Substances such as histamines, serotonin, and prostaglandins may be included as mediators in these cycles as well as chronic tissue damage caused by photo aging, leading to both vascular insufficiency and inflammatory rosacea. Lymphatics also play a role in this complex response network particularly in the presentation of advanced and papular-pustular rosacea. This lecture will outline the most distinguishable characteristics of chronic skin sensitivity, explain the pathway of neurodermitic skin, the etiologic presentations of rosacea, identify mediators and chronic tissue damage caused by photo aging that may lead to both vascular insufficiency and inflammatory rosacea.	<b>Dr. Erin Madigan-Fleck NMD USA</b> 
5:30 7:00 5:15 PM Log On	<b>ESSENTIAL FATTY ACIDS AND THEIR ROLE IN SKIN HEALTH:</b> Essential fatty acids (EFAs) are biological compounds that are required for the optimum functioning of all cells. Their importance is significant due to their contribution to the biological activities of every cell membrane, the skin barrier, brain activity and cognitive function, the central nervous system, mediation of inflammatory responses and overall body health. This presentation will discuss the function of fatty acids in the in cells, their role in cell membranes and barrier function of the skin. We will explore the signs of EFA deficiencies that are linked to acne and rosacea, and the role of essential fatty acids in the reduction of inflammation.	<b>Alex Zani LE USA</b> 
7:00- 8:30 6:45 PM Log On	<b>THE DEEP DIVE ON ACNE - FROM EXTERNAL TO INTERNAL:</b> Acne is the number one skin disease in the world, and the eighth most prevalent disease globally. Considering that our skin plays such a vital role in adapting whole-body physiology to changing environments, having acne, therefore, has far-reaching implications. How do different factors experienced from pre-birth onwards influence the onset, progression, and resolution of acne? Join this dynamic educator for an amazing expose on acne - Pia will explore the intricate relationship of the digestive system and the skin, microbiome health, physiochemical changes in response to stressors, the Gut-Brain-Skin Axis, aspects of the emotional state of health and the influence it has on skin health and wellness so that you can support more individualized patient-centered acne management.	<b>Pia Kynoch ND AUSTRALIA</b> 

TIME	PRESENTATIONS - TUESDAY NOVEMBER 7 <sup>TH</sup> 2023	EDUCATOR
9:00- 10:00 8:45 AM Log On	<b>ELASTIC DECOMPRESSION TAPING / CELLULAR FLUID EXCHANGE: LYMPH AND CELLS:</b> DermoTaping® is an elastic decompression taping methodology which originated in Italy in 2000. The system derives from the innovative Neuro Muscular Taping concept used in neurological and orthopedic rehabilitation. The first guidelines were drafted and a series of trainings in specific treatment areas were offered; covering the Body, Face, Décolleté, in combination with Medical surgical interventions and Oncological skin health care programs. The DermoTaping objective is "nourishing from the inside". This dilation and decompressive taping method assists in the improvement of blood circulation, skin oxygenation, nutrition and fluidification by activating a continuous fluid exchange in the treated area. DermoTaping is a functional dynamic treatment system and may be utilized in several areas of aesthetics.	<b>David Blow L.A.c., LMT, CEO ITALY</b> 
10:00- 11:00 9:45 AM Log On	<b>THE SKIN MICROBIOME AND LIVE BIOTHERAPEUTICS IN ACNE AND SCAR REDUCTION</b> This lecture examines the role of the skin's microbiome in acne and reviews the use of live bacteria as biotherapeutics in treating acne. Chronic low-level inflammation is the primary driver of acne and many other inflammatory skin conditions that are now common in industrialized populations. Topically applied live biotherapeutics have been shown to improve barrier function and reduce inflammation in skin. Live biotherapeutics have also been used successfully in promoting wound healing and reducing scarring, with many studies now showing their efficacy and mechanisms of action. This presentation will summarize the progress in this field and give a glimpse of what the future might hold.	<b>Trevor Steyn M.S SOUTH AFRICA</b> 

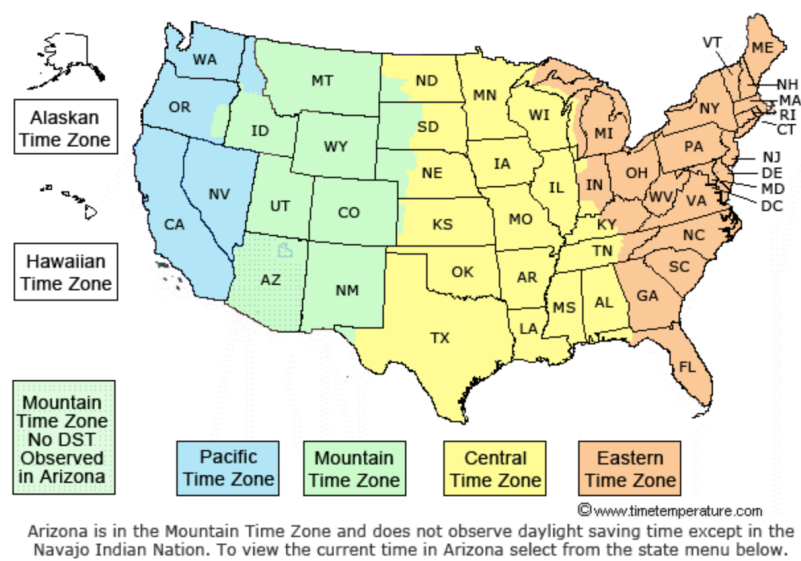
11:00-12:00 10:45 AM Log On	<b>ACNE AND DIET- FACT AND FICTION:</b> Nutritional and dermatological research has demonstrated that specific and key nutrients are required to ensure the physiological functioning and overall health of the skin. Nutrition and the manner in which the body utilizes nutrients obtained from food is based on science and co-factors involving anatomy, physiology, and biochemistry. Ongoing research has connected specific dietary considerations regarding nutrient deficiencies and the potential correlations with acne. Moreover, the loading of specific food groups and habitual tendencies have demonstrated the initiation of hormone imbalances, insulin resistance, and deficiencies that may even impact mood and concentration. This lecture will explore some of the nutrient relationships with acne, and how specific food groups and dietary habits may contribute to skin problems.	Áine Lavery Skin Therapist  IRELAND 
12:30-1:30 12:15 PM Log On	<b>GUT DISORDERS, DYSBIOSIS AND ACNE:</b> This lecture presents from the functional medicine perspective - the relationship of the gut and the skin. The gut-skin axis is a bidirectional pathway that connects the gut and skin- creating a line of communications between cells. Through this core connection, gut microbes transmit signals influencing skin structure, inflammation, and the production of sebum and more. The relationships of the gut microbiome influences the skin's microbiome. Short chain fatty acids (SCFAs) resulting from fiber fermentation in the gut can promote the growth of certain skin microbes, which influence skin immunity and regulate skin inflammation.	Dr. Sonza Curtis ND, PA-C USA 
1:30-3:00 1:15 PM Log On	<b>TECHNOLOGIES IN TREATING AND MANAGING ROSACEA:</b> Based on her award-winning research into the etiology and treatment of rosacea, Rebecca Gadberry, LE, FSCC, has developed multiple products to effectively treat rosacea without drugs. Please join this skincare industry legend and pre-eminent ingredient authority, as she shares the most recent research and treatment perspectives for this challenging skin disorder. This lecture will present: New scientific research that changes our treatment perspectives of rosacea, ingredients, drugs, and behaviors that should be avoided by those with rosacea, and new ingredient and dermatological technologies that improve treatment results.	Rebecca Gadberry LE, MFSCC USA 
3:00-4:00 2:45 PM Log On	<b>TRUNCAL ACNE -UNDERSTANDING THE PHYSIOLOGY AND MANAGEMENT OF BODY ACNE:</b> Truncal acne (back and body acne) is a common skin condition that may accompany facial acne, yet it remains a topic that is unresearched. Social interaction and self - esteem concerns often impact truncal acne sufferers due to disfigurement concerns form chronic inflammation and scarring. It is estimated that there is a 70-85% global lifetime prevalence surrounding the various types of truncal acne, and various type of body acne impact approximately 48-52% of individuals with facial acne. In many respects, truncal acne presents much of the same etiology as facial acne: follicular hyperkeratosis, Cutibacterium acne, and inflammation – however, more recent research has shown various physiological differences between the various types of body acne, as well as the etiology of truncal acne development. This lecture will present the various types of truncal acne, physiological and anatomical considerations, environmental, hormonal, and dietary influences, and will note standardized treatments and management for truncal acne. As truncal acne may instigate a great deal of inflammation and scarring – the hallmarks surrounding wound healing and scarring will also be discussed.	Morag Currin Skin Therapist CANADA 
4:00-5:00 3:45 PM Log On	<b>THE MENOPAUSAL SHIFT - UNDERSTANDING ADULT ACNE:</b> Adult female acne is defined as acne that affects women over the age of 25 and may persist continuously or intermittently from adolescence or manifest for the first time during transitional years of adulthood. As acne typically appears during adolescence and early adulthood - the onset of acne during the ages 30-50 can often be problematic and it may be triggered by multiple factors. These include hormonal imbalances, ultraviolet radiation, stress, diet, smoking, sleep disorders, cosmetics, medications, excessive skin washing, blood sugar imbalances, and endocrine disorders. Other considerations include the deficiency of the epidermal barrier function as the consequential increase in trans epidermal water loss may be responsible for the onset of the inflammatory cascade that contributes to the onset of acne. Dr. Borzykh will explore various transitional influences of hormones and key multiple aspects of the development of adult acne, along with a management overview.	Dr. Yulia Boryzch PhD UKRAINE 
5:00-6:30 4:45 PM Log On	<b>EXTRENAL INFLUENCES ON THE SKINS MICROBIOME:</b> The skin is colonized by a vast terrain of microorganisms, bacteria, and to a lesser extent, fungi and viruses that comprise the ecological community of the human microbiome. The microbiome nexus places emphasis primarily on human health however, a broadened perspective also reflects the interaction between the microbiota and other external influences. As our primary interface with the external environment, the homeostasis of the skin's microbiome is strongly influenced by lifestyle, host factors and the exposome. This formidable complex system is comprised of integrative microorganisms involving both the skin and the gut, each having essential protective functions against invading pathogens, mediating inflammatory conditions, and the modulation of the immune system. This unique symbiotic network provides cell to cell communications, integral lipid components and functions as a gateway between external and internal environments. This lecture will explore several intrinsic and extrinsic aspects of the skin's microbiome, the microbiomes relationship with acne and rosacea and conditions that may present opportunities for skin dysbiosis.	Dr. Erin Madigan-Fleck NMD USA 



Thank You!  
We look forward to seeing you next year!



UNITED STATES TIME ZONES



Hawaii Time	Alaska Time	Pacific Time	Mountain Time	Central Time	Eastern Time
Tuesday 10/13/2020 4:30 PM HST	Tuesday 10/13/2020 6:30 PM AKDT	Tuesday 10/13/2020 7:30 PM PDT	Tuesday 10/13/2020 8:30 PM MDT	Tuesday 10/13/2020 9:30 PM CDT	Tuesday 10/13/2020 10:30 PM EDT

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