

June 14, 2024 Course Overview

Lecture: Unleash Your Potential: An Empowered Path To True Success

Speaker: Dr. Tarryn MacCarthy

Time: 9:30am – 10:30am

Course Details: The problem isn't "out there": It isn't the economy, it isn't the industry, and it isn't the fear that "there is no good help anymore". Join Dr. Tarryn MacCarthy as she unravels the myth's that are holding you back and empowers you to create the enormously abundant life and business you deserve. Say goodbye to chasing someone else's version of success and embrace a path that amplifies your happiness. Because only when you FEEL GOOD can you DO GOOD. Uncover the key to living and working in alignment with what truly matters to you to unlock your full potential AND holistic success.

Learning Objectives:

- Learn the limitations and inefficacy of Conditional Happiness
- Understand how the psychological phenomenon of the Hedonic Treadmill prevents you from experiencing greater fulfillment in your work, especially as your success grows
- Identify the components of the current mindset that limit you from reaching your greater potential.
- Recognize why external validation is an outdated business growth strategy and it's role in fueling dissatisfaction and burnout
- Double down on your greatest resource: YOU

Bio/Introduction: Dr. Tarryn MacCarthy is The Transformational Mindset and Happiness Coach for Dental Professionals.

Host of The Business of Happiness Podcast, she is an Orthodontist, Author, Keynote Speaker, and Rapid Transformational Therapist.

In her unparalleled program, "Radical Happiness", she teaches how to harness the power within. Using her expertise in neurolinguistic programming, nervous system regulation, and subconscious reprogramming, Tarryn guides clinicians and leaders with the tools to rediscover their happiness in dentistry and in life, and to realize even greater success and empowerment than they ever imagined.

Lecture: Aligner Biomechanics: First Principles & Current Evidence

Speaker: Dr. Madhur Upadhyay

Time: 10:30am – 12:00pm

Course Details: This presentation will discuss the key biomechanical components of aligner-based orthodontic treatment. These features are not often discussed but are clinically critical for optimum performance of treatment. It will include a 'first principle' based understanding of the biomechanics of aligners, supported by the available literature. Biomechanical concepts, clinical tips, relevant literature, patient treatment will be shared via simple illustration.

Learning objectives:

1. A first principle-based understanding of biomechanics of aligner tx.
2. Treating different malocclusions with aligners: biomechanics & current evidence.
3. Why can't aligners solve every malocclusion?
4. How can we make aligners work better for us?

Bio/Introduction: Dr.Madhur Upadhyay is a Professor and Director, Center for Orthodontic Care at University of Connecticut Health. He is also the Director of the Orthodontic Fellowship Program. Madhur is a Diplomat of the American Board of Orthodontics (ABO) and holds an active membership of The Angle Society.

His primary research interest is in biomechanics of tooth movement and skeletal anchorage, where he has carried out extensive in vivo & in vitro research. He routinely conducts detailed courses and workshops on 'Biomechanics in Orthodontics' at University of Connecticut, University of Illinois, Chicago, Tufts University, Massachusetts, University of Nebraska & Montefiore Medical Center, New York. He has published over 100 scientific papers, book chapters & abstracts in national and international journals and has made numerous scientific presentations at various meetings throughout the world. He has also been recipient of foundation & industrial grants.

His current research focusses on application of Finite Element Modelling & Artificial Intelligence /Machine Learning in Orthodontics, where he has multiple publications, grants, and holds US patents. He is on the editorial board of various orthodontic journals, like; American journal of Orthodontics & Dentofacial Orthopedics (AJO-DO), Angle Orthodontist (AO), European Journal of Orthodontics (EJO) etc. He maintains an active private practice in Connecticut. In his spare time, he loves to play & follow tennis. He also has keen interest in physical sciences, especially astronomy.

Lecture: Treatment of Asymmetries with Skeletal Anchorage

Speaker: Andre Weissheimer, DDS, MS, Ph.D.

Time: 1:00pm – 2:30pm

Course Details: Dental asymmetries are present in the majority of the malocclusions we treat every day. While significant dental asymmetries are easily identified, minor asymmetries are often overlooked, leading to suboptimal treatment outcomes. This lecture will demonstrate the key aspects of treating dental asymmetries in different types of malocclusions with various modalities of orthodontic appliances. A systematic

approach that includes diagnosis, treatment objectives, and anchorage requirements is the roadmap for successful treatment. The use of Temporary Anchorage Devices (TADs) with proper biomechanics is a powerful tool that expands the possibilities of non-compliant dental movements to achieve treatment objectives.

Learning Objectives:

1. Teach how to apply a systematic approach for diagnosing and planning treatment for dental asymmetries.
2. Demonstrate how to leverage TADs and biomechanics for correcting dental asymmetries across different malocclusions.
3. Show how to use different modalities of orthodontic appliances to treat dental asymmetries.

Bio/ Introduction: Dr. Andre Weissheimer serves as a professor and the Clinical Director of Orthodontics at Harvard School of Dental Medicine in Boston. He is a Ph.D. orthodontist, trained extensively in Dentistry and Orthodontics in the United States and Brazil. He is a member of the Edward Angle Society of Orthodontists and a former clinical professor of orthodontics at the University of Southern California. Dr. Weissheimer has a background in digital orthodontics, CAD/CAM technology, 3D imaging, biomechanics and customized appliances, with over 40 publications, book chapters, and patents. He is also a reviewer for The AJO-DO and The Angle Orthodontist journals. In the past seven years, he had six innovative publications featuring the front cover of the AJO-DO (twice) and JCO (four times). He is also the Co-inventor of InBrace generation 2.