

Hyperbarics Integration in Functional Medicine

2022 Summer Conference Guide



Dear Attendees,

This year the conference features 2.5 days of presentations, lectures and new panels from experts in the field of Hyperbaric (HBOT) and Functional Medicine. This year features the biggest line-up ever for the conference to share their individual stories and vision for the future of the medical landscape.

Collectively they are dedicated to sharing their knowledge both on and off the stage, be sure to take advantage of your time throughout the weekend and to connect with each of them personally to address any specific questions you may have. These speakers are the industry leaders in their respective field(s), and you have accessibility to them throughout the conference for invaluable insight and guidance.

Delivering the latest in trends and research you'll have the opportunity to experience educational lectures, as part of continued education credits, covering a variety of conditions in an effort to serve your local community and patients better.

This year we've introduced the first-ever Safety Director Certification Course as part of the conference. For those that are currently registered, please note check-in is June 16th @ 7:30 am – 8:30 am to receive the Safety Director Binder and materials.

Enjoy the conference and take time to network with everyone including our sponsors, faculty, and other delegates.

On behalf of the IHA, thank you for taking the time out of your busy schedules to join us this summer in Carlsbad.

Sincerely,



Shannon Kenitz
Executive Director



THURSDAY JUNE 16TH, 2022

CONFERENCE SCHEDULE DAY 1

12PM - 4PM | REGISTRATION OPEN

Registration desk will be open for all attendees arriving early. Avoid the lines and visit the IHA team to receive your registration packet and course materials.

4:30 PM | OPENING KEYNOTE

The 13th Annual Conference officially kicks off with opening ceremonies hosted by IHA Executive Director, Shannon Kenitz & special guests.

SUNSET BALLROOM

5:00 PM | GUEST SPEAKER

Special Guest (Patrick K. Porter, PhD)

SUNSET BALLROOM

5:30 PM | HBOT RESEARCH & TRENDS

A NEW LANDMARK STUDY
"Oxygen Dose: A New Perspective in Hyperbaric Medicine"

SUNSET BALLROOM

6:15 PM | SPECIAL GUEST INFLUENCER

Special guest influencer to speak

SUNSET BALLROOM

6:30 - 9:00 PM | WELCOME RECEPTION

Après hosted by the IHA. Enjoy drinks, hors d'oeuvres and networking with partners, exhibitors and the community at-large.

EXHIBIT HALL-GRAND PACIFIC BALLROOM

7:00 - 9:00 PM | REGISTRATION OPEN

For those arriving late, the registration desk will re-open for check-in and distribution of the course materials.



8:00 AM - 9:15 AM | KEYNOTE PRESENTATION

***"Hyperbaric Oxygen (Off-Label Use):
Mastering the Mechanisms of Action"***
Jason Sonners, DC, PhDc, FMHC, FMAPS

SUNSET BALLROOM

9:15 AM - 9:55 AM | MORNING BREAK

**Breakfast &
Book Signing with Jason Sonners, DC**

EXHIBIT HALL-GRAND PACIFIC BALLROOM

12:00 PM - 12:55 PM | KEYNOTE PRESENTATION

"Using HBOT to Biohack Your Health"
Dave Asprey, Father of Biohacking

SUNSET BALLROOM

1:00 PM - 1:50 PM | LUNCH

Lunch & Book Signing with Dave Asprey

EXHIBIT HALL-GRAND PACIFIC BALLROOM

4:00 PM - 4:50 PM | AFTERNOON BREAK

**Refreshments &
Book Signing with Dan Pompa, DC**

EXHIBIT HALL-GRAND PACIFIC BALLROOM

4:55 PM - 5:45 PM | PANEL***

COVID-19 & Hyperbarics

SUNSET BALLROOM

5:45 PM - 6:00 PM | CLOSE OF CONFERENCE

Closing Comments
Shannon Kenitz, Executive Director

SUNSET BALLROOM

7:00 PM-10:00 PM | GALA & CLOSING CEREMONY

SUNSET BALLROOM/OUTDOOR AREA

10:00 AM - 10:55 AM | BREAKOUT SESSION

"Hyperbaric Training, Past, Present and Future"
Joe Dituri, PhD

SUNSET BALLROOM

***"The Effect of Hyperbaric Oxygen as a
Coadjuvant Therapy for Alopecia"***

Olga Aguilera, MD, CHT

CARLSBAD BALLROOM

11:00 AM - 11:55 AM | BREAKOUT SESSION

***"Taking A Deep Dive: Evaluating Efficacy of
HBOT for Autoimmune Conditions"***

James Neuenschwander, MD, FMAPS

SUNSET BALLROOM

***"Psychiatry 2.0 – A New Paradigm for Mental
Health with Functional Medicine"***

Aruna Tummala, MD, ABIHM

CARLSBAD BALLROOM

2:00 PM - 2:55 PM | BREAKOUT SESSION

***"Potentiating Hyperbaric Therapies
with Peptides"***

Luis Martinez, MD, MPH

SUNSET BALLROOM

***"Sports Medicine: Speed Up Recovery,
Boost Performance"***

Zayd Ratansi, ND, FMAPS

CARLSBAD BALLROOM

3:00 PM - 3:55 PM | BREAKOUT SESSION

***"A Functional Medicine Approach to
Hyperparathyroidism"***

Eleanor P. Womack, MD, ABAARM

SUNSET BALLROOM

***"A Real Answer To The Rise In Unexplainable
Symptoms and Diseases"***

Dan Pompa, DC

CARLSBAD BALLROOM

CONFERENCE PANEL DESCRIPTIONS

FRIDAY June 17th --- PANELS: DAY 1

***HBOT: Past, Present and Future** (12:00pm-12:55pm)

Hear from the perspectives of a Navy Diver, Researcher, Manufacturer, lawyer, biohacker and brain expert on the history & future of hyperbaric oxygen therapy.

Panelists:

Dave Asprey, Father of Biohacking

Jim Kwik, Brain Performance Expert

Justin Shrenger, IHA Legal Council

Samir Patel, Founder & CEO of OxyHealth

Joe Dituri, PhD

Daniel Pompa, DC

Moderator: Melissa Sonners, DC

****A Life With Oxygen** (4:50pm-5:35pm)

Hyperbaric oxygen therapy from pediatrics to regenerative medicine and how HBOT is keeping our youth healthy and our aging population youthful.

Panelists:

Allen Meglin, MD

Giuseppina Beincasa-Feingold, MD

Kashif Khan, CEO

David Dornfeld, DO

James Neubrandner, MD

Moderator: James Neuenschwander, MD

SATURDAY June 18th --- PANEL: DAY 2

*****COVID-19 and Hyperbarics** (4:35pm-5:45pm)

A look at what we have seen in the last 2 years through anecdotal evidence and promising research regarding the positive impact that HBOT has had with these patients including long haulers and autoimmunity.

Panelists:

Eleanor Womack, MD, ABAARM

Joeseeph Dituri, PhD

Mark Filidei, DO

James Neuenschwander, MD, FMAPS

Paul Barattiero, ND

Moderator: Jason Sonners, DC

SUNDAY JUNE 19TH , 2022

MEMBERS ONLY BRUNCH DAY 4



DRY FARM WINES

Members Brunch sponsored
by Dry Farm Wines

8:30am – 9:00am: Welcome Reception & Keynote Address

Session Host: Shannon Kenitz, Executive Director & Special Guest

9:00am – 9:55am: 2021 A Year In Review

The past year has impacted us all, both personally and professionally. However, amongst all the changes it has been an incredible year of growth and evolution for the IHA. We take the time to highlight this journey and celebrate with our members.

Session Host: IHA Staff

10:00am – 10:45am: Membership Benefits – The Introduction of the Exclusive New Platform

Last season we introduced the idea of our vision to curate a new platform for members to host exclusive benefits and assets. The journey has taken us a bit longer than expected, however the official release will be unveiled with a complete tutorial and walk through. The assets contained in the media platform include pictures, HBOT informational and scientific videos, past conference recordings, clinic forms, and more!

Session Host: IHA Director of Business Development --- Ashley Otte

10:50am – 11:40am *Legal and Safety Certification*

A continuation of the conversation from last season, Part two highlights insight on the latest updates in the legal landscape of hyperbaric health and clinic operations, including current case studies. The discussion includes the IHA efforts to format a collective system for training, education and certification.

Session Host: IHA Legal Counsel & Board Member – Justin Shrenger

11:40am – 12:45pm: *PANEL – Testimonials*

A brief glimpse of our community and those helping the IHA continue to grow the awareness of hyperbarics.

Session Panelists: Friends, Family & Ambassadors

ABSTRACT DESCRIPTIONS

Upgrade Your Brain: Jim Kwik

Jim Kwik will share research, practical advice, and proven tools from his recent book, *Limitless: Upgrade Your Brain, Learn Anything Faster, and Unlock Your Exceptional Life*. During this talk, learn how to fuel your productivity, sharpen your focus, and retain key information from this conference! This is a session you will never forget!

HBOT And Stem Cell Treatment: Jose Luis Diaz-Barboza, MD

Dr. Diaz-Barboza opened his Medical Center Stem Cell Center in Queretaro state in 2000 he began to focus on and develop research for using autologous stem cell therapy for macular degeneration, spinal cord injuries, oncology, and both cerebral injuries and diabetes mellitus by catheterization. In his talk, you will learn about using HBOT in conjunction with stem cell treatments.

The Use of Hyperbaric Oxygen Therapy in Small Animals: Diane Levitan, VMD

Hyperbaric oxygen is extremely useful in the field of veterinary medicine. Without the restrictions created in the human realm, veterinarians are able to utilize the technology for an unlimited number of problems. This session will review the many use cases of HBOT in veterinary medicine with numerous examples and practical applications. If you want to see lots of amazing results, please join me.

Oxygen As an Antibiotic: Anju Usman-Singh, MD

Dr. Usman will be speaking on HBOT as it relates to gut health and treating GI disorders. She has been involved in research involving copper/zinc imbalances, metallothionein dysfunction, biofilm-related infections and hyperbaric oxygen therapy.

Can Genomics Be Used to Improve Outcomes In Combination with HBOT?:

Sharon Hausman-Cohen, MD

In this talk some of the many contributing factors that lead to vascular dementia, hippocampal atrophy and white matter changes will be explored on a genomic level. Genomically targeted potential interventions for these disease states will also be discussed including the role and mechanisms of hyperbarics in relationship to these gene variants and disease states. Case studies will be presented to explore the topic of is using genomics as a clinical decision support tool to improve precision medicine, along with hyperbarics, will be presented as examples.

The End of Mental Illness: Daniel Amen, MD

Though the incidence of conditions like depression, anxiety, bipolar disorders, addictions, PTSD, and ADHD is skyrocketing, standard treatment and success rates in treating these conditions have barely changed in the last seven decades. Meanwhile, the stigma of "mental illness" prevents many people from getting the help they need. In *The End of Mental Illness*, Dr. Amen challenges an outdated psychiatric paradigm and helps readers improve the health of their own brains, minimizing or reversing conditions that may be preventing them from living full and emotionally healthy lives.

Using HBOT to Improve Metabolic Health: Mindy Pelz, DC

Only 12% of Americans are metabolically fit. Poor metabolic health is at the root of every chronic disease and is contributing to an immune compromised world. Getting people to change their food habits can be challenging. Learn how HBOT can be a critical tool to helping the world get metabolically healthy helping stabilize blood sugar, reverse insulin resistance, and change unhealthy food cravings.

The Effects of Hyperbaric Oxygen on Mitochondrial Function: Dan Rossignol, MD

In his lecture, Dr. Rossignol will explore the connection between the functioning of the mitochondria and hyperbaric oxygen therapy. He will explore the topics of tests & treatments for mitochondrial function, algorithms for calculating probability of mitochondrial function and human, animal and case studies.

Hyperbaric Oxygen (Off-Label Use): Mastering the Mechanisms of Action:

Jason Sonners, DC, PhD, FMHC, FMAPS

Fascinated with human biology and performance, Dr. Sonners is always working to integrate new knowledge and practical experience. In addition to his Doctor of Chiropractic, he earned his Diplomate of the Chiropractic Board of Clinical Nutrition (DCBCN) and his Diplomate of the International Board of Applied Kinesiology (DIBAK). He is currently earning his PhD in molecular biology with a concentration in regenerative medicine at the University of Miami School of Medicine. In his talk, he will focus on the mechanism of action, indications for treatment, brain performance, healing, stem cells & more!

Hyperbaric Training: Past, Present and Future: Joe Dituri, PhD

Choosing a certification or qualification in hyperbaric medicine or Hyperbaric Oxygen therapy (HBO) can be a daunting process. Many organizations exist but most don't offer certification however some offer qualification. The purpose of this lecture is to educate the reader on the history and current status of practitioner and technician training as well as fellowship training and a thought process on imagining the art of the possible when it comes to a new way to teach and learn hyperbaric medicine. Overriding goal is to ensure the understanding that, while training may not be required, it is not only desired but crucial.

The Effect of Hyperbaric Oxygen as a Coadjutant Therapy for Alopecia:

Olga Aguilera, MD, CHT

Hair loss is extremely widespread. Globally, 35 million men and 21 million women suffer from hair loss. We know that Alopecia has multiple causes but its relationship with hypoxia has not yet been investigated in detail.

Hyperbaric Oxygen Therapy (HBOT) has shown to be an excellent procedure to promote capillary regeneration and reduce ischemia-reperfusion injury. Some studies had found that under NBO the hair follicle is very sensitive to oxygen tension and that the oxygen tension affects the regulation of hair growth and cycle in vivo.

Aim to evaluate the clinical efficacy of HBOT as an adjuvant therapy to support hair growth treatments. We had a group of patients with alopecia and were divided into the control groups and HBOT groups. All the patients received treatment for alopecia, but only half of the group combined their treatments with HBOT. Our results showed that the group of patients who received HBOT had better results in hair growth than those who did not receive HBOT.

Taking A Deep Dive: Evaluating Efficacy of HBOT for Autoimmune Conditions:

James Neuenschwander, MD, FMAPS

In his lecture, Dr. Neu will go over the basics of autoimmunity and immune tolerances, risk factors for autoimmunity, molecular targets for HBOT in autoimmunity, molecular mechanisms for action. He will also review the evidence for effectiveness in individual autoimmune conditions such as rheumatoid arthritis, multiple sclerosis, vasculitis, psoriasis, IBD, chronic fatigue, fibromyalgia and more.

Psychiatry 2.0 – A New Paradigm for Mental Health with Functional Medicine:

Aruna Tummala, MD, ABIHM

Dr. Tummala, will first explain how our current mental health delivery system is failing, then pivot into understanding the root causes of mental illnesses, and finally delve into solutions based on Functional Medicine/Ayurveda for treatment of mental illness.

Using HBOT to Biohack Your Health: Dave Asprey

Over the last two decades Dave has worked with world-renowned doctors, researchers, scientists and global mavericks to uncover the latest, most innovative methods, techniques and products for enhancing mental and physical performance. Dave has personally spent nearly \$2 million taking control of his own biology - pushing the bounds of human possibility all in the name of science and evolution. In his lecture, he will share his wealth of knowledge and experience with how it relates to longevity & HBOT.

Potentiating Hyperbaric Therapies with Peptides: Luis Martinez, MD, MPH

Hyperbaric interventions have been shown to produce anti-inflammatory and tissue regenerative responses in patients. However, often, multiple treatments are required to observe clinical benefits. Meanwhile, peptide therapies are fast becoming a mainstream of integrative medicine, given their broad and potent effects on repair and cell function optimization. Also, treatment responses are usually faster for peptide therapies than for hyperbarics. This lecture will present a framework for combining hyperbaric medicine with different peptides to maximize patient response and tissue repair. We will discuss the most used peptides and detail recommended dosing protocols. Practitioners will acquire new knowledge in these combinatorial treatment approach for the benefit of their patients.

Sports Medicine: Speed Up Recovery, Boost Performance: Zayd Ratansi, ND

Many professional athletes and sports teams have discovered the benefits of hyperbaric therapy. However, not all of them are using proper protocols and best practices. As a result, they may be doing more harm than good. Doctor Z will go over best practices, protocols and studies in using HBOT to boost performance & recovery for athletes.

A Functional Medicine Approach to Hyperparathyroidism: Eleanor Womack, MD, ABAARM

I am not an endocrinologist but I have had more than 20 patients in the last 10 years with hyperparathyroidism. Dr. Womack will explore the pathology, clinical manifestations, symptoms, diagnosis process and explore case studies as it relates to hormone health and treating cases from a functional medicine lens with HBOT.

A Real Answer to the Rise In Unexplainable Symptoms and Diseases: Dan Pompa, DC

Most detox is not done correctly. Real detox must occur at the cellular level in order to have a lasting impact on today's chronic health conditions. For people to have their health restored, the combination of HBOT and cellular detox is quickly becoming an essential part of any protocol for chronic illness.

SPEAKERS



Anju Usman-Singh, MD, FAAFP, ABHIM, Hom-C, FMAPS

Dr. Anju Usman Singh received her medical degree from Indiana University and completed her residency in Family Practice at Cook County Hospital in Chicago, IL. She is board-certified in Family Practice is the director of True Health Medical Center and currently serves as Faculty for the Medical Academy of Pediatric Special Needs (MAPS). Dr. Usman is also co-founder of ACE (Autism Center for Enlightenment), a non-profit organization that supports research, education, and biomedical therapies for families in need.

She specializes in biomedical interventions for children with ADD, Autism, and related disorders and has dedicated her work to research targeting copper/zinc imbalances, metallothionein dysfunction, biofilm-related infections, and hyperbaric oxygen therapy.

Aruna Tummala, MD

Dr. Aruna Tummala, MD, is a board-certified adult and geriatric psychiatrist and founder of Trinergy Health in New Berlin, WI. She is also board certified in Integrative & Holistic Medicine (by Academy of Integrative Health & Medicine: AIHM.org) and has received training in Functional Medicine and Ayurveda, the oldest medical system in the world.

Inspired by the realization that conventional psychiatry has become a linear, medication-dependent, symptoms-based model with little to offer the millions of people struggling with mental illness, Dr. Tummala turned to Integrative Psychiatry, fully embracing its patient-centered, collaborative care approach. Unlike conventional psychiatry, Integrative Psychiatry attempts to find the root cause of a person's problems and work towards achieving overall mental health and balance.

At Trinergy Center for Integrative Psychiatry, Dr. Tummala has developed a unique method to treat mental health problems with tremendous benefit to her patients. She embraces an innovative, mind-body-spirit approach that combines the science of modern medicine with the wisdom of ancient medicine to address the root causes of physiological symptoms.



Dan Rossignol, MD, FAAFP, FMAPS

Dr. Rossignol, MD FAAFP is a board-certified family physician. He received his Doctorate of Medicine at the Medical College of Virginia and completed his residency in family medicine at the University of Virginia. Coming from an academic background, Dr. Rossignol searched the medical literature looking for a solution after both of his children were diagnosed with autism. He has made it his mission to research and publish in autism. Since 2006, he has 55 papers, abstracts, editorials, and book chapters (including those in press) concerning autism and related conditions. Dr. Rossignol has a special interest in autism spectrum disorders, PANS/PANDAS, cerebral palsy, and related neurological and developmental disorders as well as medically complex children and adults. Dr. Rossignol is a Fellow of the American Academy of Family Physicians (FAAFP) and a Fellow of the Medical Academy of Pediatric Special Needs (FMAPS). Dr. Rossignol sees patients in all three offices in California and Florida.

Daniel Amen, MD

Dr. Amen is a physician, double board-certified psychiatrist, 10 time New York Times bestselling author and international speaker. He is the founder of Amen Clinics in Costa Mesa and San Francisco, California; Bellevue, Washington; Reston, Virginia; Atlanta, Georgia; New York, New York, Chicago, Illinois and soon to be Los Angeles, California. Amen Clinics has the highest published success rates treating complex psychiatric issues, and they have built the world's largest database of functional brain scans, totaling more than 135,000 scans on patients from 120 countries.

Through his research using the Amen Clinics database Dr. Amen has published over 70 scientific articles on a wide range of topics including autism, resistant depression, suicide, attention deficit hyperactivity disorder, posttraumatic stress disorder, traumatic brain injury, and others that have appeared in many prestigious journals, including Molecular Psychiatry, PLOS One, Nature's Translational Psychiatry, Nature's Obesity, Military Medicine, and Journal of Neuropsychiatry and Clinical Neuroscience.

Dr. Amen is the lead researcher on the world's largest brain imaging and rehabilitation study on professional football players. His research has not only demonstrated high levels of brain damage in players, it also showed the possibility of significant recovery for many with the principles that underlie his work. His research on posttraumatic stress disorder and traumatic brain injury was recognized by Discover Magazine in its Year in Science issue as one of the "100 Top 100 Stories of 2015."



Daniel Pompa, DC

Dr Daniel Pompa received his undergraduate degree in communication from The University of Pittsburgh, and his diction of chiropractic degree in 1995 from Life University.



Dr. Pompa is the author of the books Cellular Healing Diet and Beyond Fasting and he hosts a weekly Cellular Healing TV Podcast and YouTube show.

Dr. Pompa's speaking engagements land him on some of the largest natural health stages in the world for both public and practitioners, alongside other leading, cutting-edge health experts. He has spoken at Bulletproof, Paleo f(X), Mindshare, ACAM, PBS, Nature's Sunshine, SopMed, NANP, and Systemic Formulas.

Dr. Pompa's powerful presentations focus on ancient fasting strategies, cellular detox, his multi-therapeutic approach to healing, and common, but frequently mis-diagnosed autoimmune, hormone, and neurodegenerative conditions. Dr. Pompa's own story, which he has titled "From Pain to Purpose to Promise," unveils how his health struggles, family tragedy and legal battles have transformed him into a powerful health and longevity evangelist which led him to fulfill his purpose.

Dave Asprey, Father of Biohacking

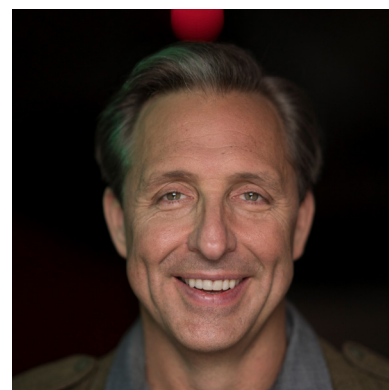
Dave Asprey, Father of Biohacking, is an entrepreneur, four-time New York Times bestselling science author, and host of the top 100 podcast Bulletproof Radio, which has more than 200 million downloads.

He's the founder of Bulletproof Coffee and a leading voice in the movement to take control of our own biology. News outlets like the Today Show, CNN, Wired, Good Morning America, Dr. Oz, have featured Dave because he's the "Father of Biohacking" because he started the movement and hosts the largest and longest-running biohacking conference.

Over the last two decades, Dave has worked with world-renowned doctors, researchers, scientists, and global mavericks to uncover the latest, most innovative methods, techniques, and products for enhancing mental and physical performance.

Dave has personally spent nearly \$2 million taking control of his own biology – pushing the bounds of human possibility all in the name of science and evolution and is committed to helping millions of people perform at levels far beyond what they'd expect, without burning out or getting sick.

Today he is focused on elevating humanity in his role as CEO of Upgrade Labs, a company recently recognized by Forbes Magazine as one of the top 20 most innovative brands.





Diane Levitan, VMD, Dip. ACVIM

Dr. Levitan has built several businesses, 5 veterinary practices, including two 24-hour specialty and referral hospitals. Her most recent hospital is Peace Love Pets Veterinary Care in Commack, NY. Diane is currently embracing her love of teaching and mentoring as a Clinical Associate Professor at Long Island University College of Veterinary Medicine.

As a groundbreaking entrepreneur, Dr. Levitan has introduced many new concepts into the field of veterinary medicine, such as creating the first hospital in the world where families could stay overnight with their pets, pioneering the use of hyperbaric oxygen therapy for animals, creating a traveling CT scan company, and working to optimize the use and practicality of veterinary virtual care. She is always pursuing additional challenges.

Eleanor Womack, MD, ABAARM

Dr. Womack is a Harvard trained physician who is board certified in both Internal and Anti-Aging & Regenerative Medicine. She launched her functional medicine practice, Westlake Medical Arts in Austin, Texas in 2011 and became Board Certified in Anti-Aging & Regenerative Medicine in 2014.

Eleanor serves as Medical Director for ATX Hyperbarics – a multi-site hyperbaric oxygen therapy clinic group and Scientific Age Management, LLC – an innovative cerebral asset management company. She is also the Chairwoman of the Board of Directors of The Oxygen Foundation, Inc., a non-profit foundation which supports education, scientific studies and treatments using Hyperbaric Oxygen Therapy.

Eleanor is a Fellow and member of the American Academy of Anti-Aging Medicine, and a member of the Institute for Functional Medicine, the American College for Advancement in Medicine, the International Peptide Society, the International Hyperbarics Association, the International Hyperbaric Medical Association, the Texas Medical Association and the Travis County Medical Society.



James Neuenschwander, MD, FMAPS

James Neuenschwander, M.D. (aka Dr. Neu) is a graduate of the University of Michigan where he received his Bachelor of Science degree in Molecular & Cellular Biology, as well as a Medical degree. He is dually board certified in both Emergency and Integrative Medicine and in 1988 founded the BioEnergy Medical Center, an integrative medical center specializing in chronic illness located in Ann Arbor, MI.

Starting in 2007, his passion quickly became the treatment of special needs children on the autism spectrum with biomedical approaches. This led to serving Faculty positions for both Defeat Autism Now (DAN) and the Medical Academy of Pediatric Special Needs (MAPS) where he currently resides as Chairman of MAPS Conferences overseeing the training and education for all events.

Dr. Neu continues to treat children, and adults, with chronic illness by working to identify the underlying root causes and determining the best unique protocol to achieve results. He is a relentless warrior, global keynote speaker with guests appearances on podcasts, tv and radio shows throughout the country.

He is considered an expert in topics of integrative and biomedical approaches to chronic disease, neuro-developmental and psychiatric disorders, as well as prevention and treatment of vaccine injuries. He is a champion of parental choice and medical freedom.

Jason Sonners, DC, PhDc., FMHC, FMAPS

Fascinated with human biology and performance, Dr. Sonners is always working to integrate new knowledge and practical experience. In addition to his Doctor of Chiropractic, he earned his Diplomate of the Chiropractic Board of Clinical Nutrition (DCBCN) and his Diplomate of the International Board of Applied Kinesiology (DIBAK). He is currently earning his PhD in molecular biology with a concentration in regenerative medicine at the University of Miami School of Medicine.

Dr. Sonners published an Amazon best-selling book in 2020, *Oxygen Under Pressure*, describing the science and benefits of using hyperbarics for a variety of indications, longevity and performance enhancements. He is also on the Board and Faculty of the International Hyperbarics Association (IHA), the International Board of Undersea Medicine (IBUM), the Medical Academy of Pediatric Special Needs (MedMaps) and the Age Management Medicine Group (AMMG).

A popular speaker at functional medicine conferences all over the country, Dr. Sonners also teaches the first and only HBOT certification course designed specifically for functional medicine doctors and HBOT technicians. Those who successfully complete the IHA-approved course are awarded Certified Hyperbaric Practitioner status by the IBUM which has been certifying practitioners, operators and clinics for more than 25 years.



Jim Kwik, Brain Performance Expert

Jim Kwik is a world leader in brain performance, mental fitness and memory improvement. He is CEO of Kwik Learning, the premiere online accelerated learning academy with students in 195 countries. His clients include Google, Virgin, Nike, Zappos, Wordpress, SpaceX, Cleveland Clinic, Caltech, Harvard and Singularity University. Kwik is the author of the New York Times and #1 Wall Street Journal bestseller: "Limitless - Upgrade Your Brain, Learn Anything Faster, Unlock Your Exceptional Life." He is the host of the acclaimed "Kwik Brain" podcast, which is consistently one of the top educational training shows on iTunes with tens of millions of downloads. His mission: No brain left behind. Follow him @JimKwik

During his lecture, Jim Kwik will share research, practical advice, and proven tools from his recent book, *Limitless: Upgrade Your Brain, Learn Anything Faster, and Unlock Your Exceptional Life*. During this talk, learn how to fuel your productivity, sharpen your focus, and retain key information from this conference! This is a session you will never forget!

Jose Luis Diaz-Barboza, MD

Dr. Jose Luis Diaz-Barboza's fascination with medicine is rooted in his desire to find treatments and answers to illness and questions that have not been found yet. After earning his medical degree, he went on to pursue a postgraduate degree in Hyperbaric Medicine. He is also a Diplomate in Diabetes Mellitus, Osteoporosis, and Nutrition.

Dr. Diaz-Barboza is the current President of the Lationamerican Association of Hyperbaric Medicine and serves as the medical director of both the International and Domestic Hyperbaric Medicine of Mexico. Apart from his leadership positions, he is also a member of the International Diabetes Federation, International Society for Cellular Therapy, and the Mexican Association of Geriatrics.

He has presented at numerous conferences in various countries, typically with an emphasis on Hyperbaric Oxygen as a treatment for numerous problems. Dr. Diaz-Barboza was a Titular Professor of Hyperbaric medicine at the Escuela Superior de Medicina in Mexico City.





Joseph Dituri, PhD

Dr. Dituri enlisted in the U.S. Navy in 1985. He served continuously on active service upon various ships and shore stations where he was involved in every aspect of diving and special operations work from saturation diving and deep submergence to submersible design and clearance diving. Now that he is retired from 28 years of active service to the United States, he is the president of the International Board of Undersea Medicine. He also volunteers his time as the CEO of the Association for Marine Exploration. He is an invited speaker on medical, motivational, sea and space related topics.

Dr. Dituri earned a bachelor's degree in Computer Science from the University of South Carolina as well as a master's degree in Astronautical Engineering from Naval Post Graduate School in California. Additionally, he is a graduate of the Advanced Management Program at the University of Virginia Darden School of Business and earned a Ph.D. in Biomedical Engineering from the University of South Florida.

Dr. Dituri is the author of numerous diver-training manuals, a co-author of the book "Tao of Survival Underwater", a contributing author to both Hyperbaric Medical Practice (4th edition) and the U.S. Navy Diving Manual and has been published in several journals including those produced by the Undersea Hyperbaric Medical Society, the American Society of Naval Engineers as well as the American Institute of Aeronautics and Astronautics. He is a class "D" Licensed Sky Diver, a one atmosphere suit Pilot, a Level three certified Systems Engineer and Level three Program Manager for the Department of Defense. Dr. Dituri has 11 personal awards (medals) earned from his time in the U.S. Navy, enjoys writing books, skydiving and has a long-term goal of being a civilian astronaut.

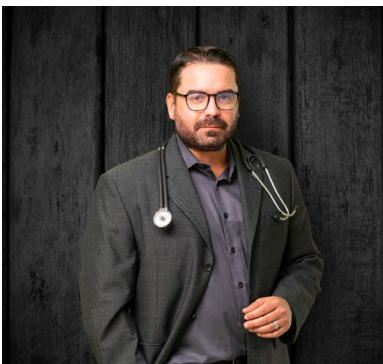
Justin Shrenger, IHA Board Member & Lawyer

Justin J. Shrenger was admitted to the State Bar of California in 1990. Mr. Shrenger holds a BS in Chemistry from the University of California, Berkeley, and a JD from Columbia University in the City of New York, where he was a two-year Harlan Fisk Stone Scholar of Law.

He currently acts as outside counsel for the IHA, and serves on the Board of Directors, to ensure the security of the IHA's on-going mission and growth to provide Education, Awareness & Accessibility.

He is the founder and CEO of Law Offices of Justin J. Shrenger, APC ("JJS APC"). Prior to starting JJS APC, Mr. Shrenger was an associate attorney at two major law firms, including Brobeck, Phleger & Harrison, LLP, then the largest firm in California. Mr. Shrenger is multilingual with fluency in English, Chinese and Korean.

Mr. Shrenger's published opinions include California Cosmetology Coalition, et al. v. Riley, 871 F. Supp. 1263 (C.D. Cal. 1994) and 110 F.3d 1454 (9th Cir. 1997); and American Association of Cosmetology Schools v. Riley, 170 F.3d 1250 (9th Cir. 1999)..



Luis Martínez, MD, MPH

Dr. Luis Martínez is a Regenerative Medicine, Anti-aging and cell therapy specialist, a clinical researcher and biomedical consultant. He earned his medical degree at The Ponce School of Medicine and completed his residency training at the prestigious University of Pennsylvania. He also completed an Advanced Training Course in Stem Cells in Cancer at the Ponce Health Sciences University/ Magee Research Institute consortium. He is board certified in Clinical Lipidology. Dr. Martínez holds a Master of Public Health with a concentration in Epidemiology and is fellowship trained in Biosecurity. He is the president of Xanogene Clinic, which specialized in Regenerative and Age Management Medicine. He also founded and presides over Regenera Global, a multinational corporation specializing in biotech product development, research and clinical consulting.

Dr. Martínez is also Co-Founder of the Clinical Peptide Society, a US based professional organization aimed at educating physicians and advancing the use of peptide therapeutics. Alongside with the Age Management Medicine Group, he and his colleague have developed the world's first Peptide Certification Program and have so far trained and educated over 400 physicians. He additionally trains physicians in other aspects of Regenerative and Age Management Medicine through his physician training.

Mindy Pelz, DC

Dr. Mindy Pelz, D.C is a best-selling author, keynote speaker, nutritional and functional health expert who has spent over two decades helping thousands of people successfully reclaim their health. She is a recognized leader in the alternative health field and a pioneer in the fasting movement, teaching the principles of a fasting lifestyle, diet variation, detox, hormones, and more.

Her popular YouTube channel recently eclipsed 18 million views showcasing insights on the latest science-backed tools and techniques to help consumers reset their health. She is the host of one of the leading science podcasts, The Resetter Podcast, and the author of three best-selling books; The Menopause Reset, The Reset Factor, and The Reset Kitchen.

Dr. Mindy has appeared on national shows like Extra TV and The Doctors, and has been featured in Muscle & Fitness, Well + Good, SHEknows, Healthline, and more. <https://drmindypelz.com/>



Olga Aguilera, MD, CHT

Dr. Olga Aguilera MD, C.H.T. Medical Director of the Hyperbaric & Anti-Aging Medical Center in Santa Barbara, CA. obtained her MD degree (Doctor in Medicine) at the University Autonomous of Mexico City in 1983 at the age of 21, also completed her specialty in Integral Medicine /Family Practice in 1986, later she accomplished a fellowship in Epidemiology and Public Health 1988.

Dr. Aguilera is a bilingual physician (Spanish – English) active in Hyperbaric Medicine and Regenerative & Functional Medicine in the present, she also has been very active in medical research and has been a co-author with Dr. Gunnar Heuser in many peers reviewed medical publications.

She became an associate at the Neuromed and Neurotox Medical group with Dr. Gunnar Heuser at Agoura Hills California from 1994 to 2008, where she got the opportunity to collaborate with patient care as well with multiple Research Projects in the department of Neuro-immuno-toxicology & Hyperbaric Medicine.

In 2008 Dr. Aguilera founded the Hyperbaric Medical & Anti-aging Center in Santa Barbara California, where she has been the Medical Director up to the present.

Patrick K. Porter, PhD

Dr. Patrick K. Porter, PhD, is an award-winning author/speaker and the founder of BrainTap®, the leader in technology-enhanced meditation. Dr. Porter pioneered the use of brainwave entrainment to improve clarity, sleep & energy, and remains at the forefront of scientific research.

He founded BrainTap with the goal of making this technology accessible to everyone. BrainTap offers over 1000 original audio sessions in 12 languages and serves a worldwide user base with its mobile app and headset. Dr. Porter has been featured in The Wall Street Journal, People, Entrepreneur, INC and on ABC, NBC, CBS as an expert in brain health & wellness, and in 2020, Dr. Porter received the IAFNR lifetime achievement award. Please visit www.braintap.com.





Sharon Hausman-Cohen, MD, FAAFP, ABOIM

Dr. Sharon Hausman-Cohen received both her Master's degree and Medical degree both from Harvard Medical School and has been in the field of integrative medicine for over 25 years.

Currently resides as the Chief Medical Officer and co-founder of IntellxxDNA and Resilient Health in Austin, TX. She and her co-founder developed IntellxxDNA as an answer to an unmet need in the integrative and functional medicine community; the need for an accurate, evidence-based genomics tool geared at helping functional and integrative physicians practice personalized medicine.

The goal of their work has been to make genomics actionable. The IntellxxDNA™ clinical decision support tool is now being used to uncover the root cause contributing factors in a wide range of health conditions including cognitive decline, autism, mental health conditions, environmentally acquired illness and other chronic illnesses.

Zayd Ratansi, ND, FMAPS

Dr. Zayd Ratansi (known as "Dr. Z" to his patients and colleagues) is a licensed Naturopathic Physician and a global authority on hyperbaric, bio-oxidative, and environmental medicine, as well as low-level light and chelation therapies. He is a trainer for hyperbaric oxygen therapy, has an IHA-approved education and training course for safety and operation, and he has established and manages a research-based website for hyperbaric therapy at HyperbaricExperts.com.

Dr. Ratansi provides concierge support for clinics to integrate hyperbaric therapy into their practices and for their specialty services. He lectures worldwide on the use of hyperbaric oxygen therapy for neurological conditions and has played a leading role in implementing protocols on the use of hyperbaric therapy in the mainstream medical setting. He has advised and trained many sports clubs and athletes, including the Seattle Mariners of Major League Baseball, to implement hyperbaric therapy within their medical departments.





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PANELISTS



Allen Meglin, MD

Dr. Meglin earned his Medical Degree at University of Pittsburgh, graduating AOA. He completed a surgical internship, followed by diagnostic radiology at Walter Reed Army Medical Center. He received additional training in needle placement and minimally invasive procedures at The Johns Hopkins Hospital. Dr. Meglin has authored several medical publications, was a featured lecturer, and has several medical device patents.

His love of minimally invasive procedures and desire to practice cutting edge medicine led him to regenerative medicine. Dr. Meglin has received training from the American Academy of Regenerative Medicine, with coursework accredited by The Mayo Clinic, the Regenerative Medicine Training Institute, and the American Medspa Association. Dr. Meglin's application to the American Board of Regenerative Medicine has been accepted, and he is now one of a handful of physicians that are board eligible in regenerative medicine.

He is a frequently invited speaker on the topics of Regenerative Medicine basic science, Hyperbaric oxygen therapy and comprehensive treatment of disease using regenerative techniques.

David Dornfeld, DO

David Dornfeld, DO, has been practicing Family Medicine for 35 years, with extensive experience covering the full spectrum of clinical family medicine, including children beyond the age of two. Throughout this time, he has developed a special interest in working with children that have Autism Spectrum Disorders. His experience encompasses all spectrums of family medicine, spinal manipulation, chelation therapy, IV infusion therapy and hyperbaric therapies.

Focusing on whole body and alternative therapy techniques, he alleviates pain in patients through hands-on osteopathic therapy, manipulation and nutritional support, with additional experience that encompasses nutritional counseling, diving medicine, chelation therapy, weight loss and many areas of holistic medicine and primary care medicine.



Giuseppina Benincasa-Feingold, MD

Dr Giuseppina Benincasa-Feingold received her Medical Degree at Facolta Di Medicina E Chirurgia in Perugia, Italy in 1986. She trained at New York University School of Medicine where she completed her fellowship training in ambulatory pediatrics.

In 1996, Dr Benincasa-Feingold gave birth to her second child who was born with cerebral palsy. In order to help her daughter, she started to seek alternative therapies and found HBOT. After several weeks/months of hyperbaric treatment, her daughter began to verbally communicate. Forced at first, but with each passing day she saw her improve until she could form sentences. It was after she began to form words and talk that Dr. Feingold decided that others needed to benefit from the science behind HBOT as well.

In 2000, she founded Valley Health & Hyperbarics in Brewster, NY. She has been practicing mainstream and complementary medicine since then. Her goal is to combine different modalities to improve the lives of multiply handicapped individuals. She continues to practice medicine in Suffern, NY with a sister branch operating in Rochester, NY under the Feingold Center for Integrated Medicine. Dr. Feingold also supervises Moonlight Pediatrics, an urgent care center in Suffern, NY

Samir Patel, CEO

Samir Patel is the founder and CEO of OxyHealth, LLC — the leading manufacturer of hyperbarics in the world today. Twenty years ago he envisioned that hyperbarics, initially known for treating a limited list of indications, could be expanded into the sports, wellness, beauty, and the recreational world. This developed the market we know Hyperbarics for today.





James Neubrandner, MD

In 2002 Dr. James Neubrandner accidentally discovered that the methyl form of the B12 family—“methyl-B12”— greatly helps children on the autism spectrum when used correctly. His protocols are now used by thousands of practitioners worldwide and parents universally say that methyl-B12 is one of the best treatments they have for their child.

In 2005 Dr. Neubrandner began using hyperbaric oxygen therapy for children with autism and other neurodevelopmental disorders. He has developed unique diagnostic protocols that allow parents to document ‘undeniable changes’ from this form of therapy when used correctly.

At his clinic, he uses all the biomedical diagnostic and treatment tools commonly in use today by those considered leaders in this field. In addition to the biomedical treatments, his clinic uses QEEG-directed neurofeedback, and works closely with leading specialists in the field of speech and language, sensory and auditory issues, feeding difficulties, etc.

Kashif Khan, CEO

Kashif Khan is Chief Executive Officer and Founder of The DNA Company, where personalized medicine is being pioneered through unique insights into the human genome. With the largest study of its kind globally, The DNA Company has developed a functional approach to genomic interpretation overlaying environment, nutrition, and lifestyle on the genetic blueprint to create personalized and deterministic health outcomes.

Growing up in Vancouver, Canada in an immigrant household, Kashif developed an industrious entrepreneurial spirit from a young age. Prior to his tenure at the DNA Company, Kashif advised a number of high-growth start-ups in a variety of industries including luxury retail, technology, finance, fine arts, healthcare, tourism and real estate. He participated in over \$300 million in revenue in his own retail business prior to launching consulting services to help others thrive.



Mark Filidei, DO

Dr. Mark Filidei is an Internal Medicine physician and is the Director of Integrative/Functional Medicine for Amen Clinics. Functional Medicine incorporates the latest developments in systems biology, genetics, and a deep understanding of human physiology to address complex medical and mental health issues. Dr. Filidei’s approach is to find the root cause of a person’s health problems including metabolic, genetic, and environmental factors, and to treat those problems in as natural a way as possible by using targeted nutritional supplements, correcting hormone and metabolic imbalances, improving lifestyle and diet, and detecting and treating toxin exposure and infections like mold and Lyme disease.



Paul Barattiero, ND

Dr. Barattiero is the Founder and CEO of Synergy Science, Inc.™. He has been a pioneer and leader in the hydrogen water industry for 15 years. Dr. Barattiero has labored to bring to market cutting-edge, science-based, natural-healing technologies to facilitate detoxification, gut recovery, and reduced oxidative stress and inflammation as well as protection from radiation from EMF. You can find Dr. Barattiero featured in numerous tv shows and documentaries and has co-authored several books. He lives with his wife of 28 years and son in the mountains of Utah.



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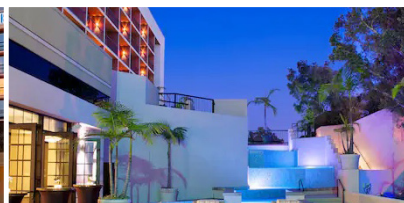
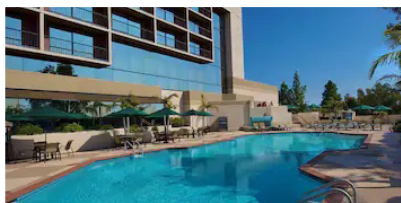
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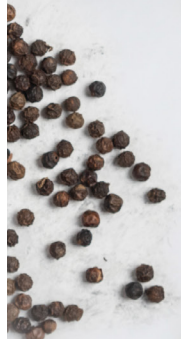
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