It's time to announce the third annual Holistic Dental Education Series, beginning in January 2020!

It will consist of the following (there may be some changes/additions, but you get the idea):

**JANUARY 24,25- Module 1: DIAGNOSTICS, ADMINISTRATION and CONSULTATION**

Records appointment -
- intraoral photography and digital layout using Adobe Illustrator/Photoshop
  * interactive - take photos of each other and make your own layout (template provided on thumb drive)
- CBCT navigation, landmarks, anatomy and diagnosing
  * interactive - take 3d scans on each other, using our care stream 9600, then co-diagnose fellow participants’ scans
- phase contrast microscopy and histology
  * interactive - sample, then review your own “biofilm”
- nutrition/digestion/absorption and essential nutrients
  * interactive - complete and review your symptom survey
- Ragland’s test
  * interactive - learn this simple test, then check your adrenals
- Barne’s thyroid test
- HCl test
  * interactive - check your HCl levels
- antioxidant testing
  * interactive - assess your own carotenoid levels
- oral cancer bioluminescence
- millivoltage testing of teeth
- pulp testing
- HRV testing and evaluation
- chair side vitamin D testing
- A1C testing
- meridian testing (MEAS)

Administrative -
- review copies of all initial paperwork
- file system on your network to keep all records digital
- Filemaker Pro software to manage appointments, tx notes, tx planning rx, letters, ledger, etc.
- web design - who takes care of your internet presence?

Consultation -
- review how to treatment plan comprehensively
  * interactive - pair up to treatment plan classmates after having taken their records, utilizing filemaker pro database software
MARCH 6,7 - Module 2: TMJ and MODALITIES

Anatomy and physiology -
  muscle palpations on each other
  is occlusion all that important?
  how much equilibration does it take to eradicate an intracapsular problem?
  why are your patients parafunctioning (no, it’s not a sport)

When something isn’t “normal,” what to do? How to recognize when something is not normal
What is disc displacement with and without reduction
What is an intracapsular disorder?
What types of appliances “work?”
MRI review - prescription and navigation
  * interactive - navigate MRI’s in OSIRIX (basic version included on thumb drive)
CBCT review - navigation
  * interactive - navigate CBCT on YOUR computer (software loaded during course)
  how tongue tie and sleep disordered breathing are comorbidities to TMD
Modalities to treat TMJ disorders:
  orthotic therapy
    * interactive - design and make an orthotic digitally
  parafunction therapy
  trigger point injections (with procaine, B12, homeopathics, ozone)
    * interactive - who doesn't have trigger points, right? shoot away!
  prolotherapy injections (using iPRF, procaine, ozone)
  laser prolo
  neural therapy and meridians (why and where are patients being blocked from healing)
  sphenopalatine block
    * interactive - learn this fast, simple technique
  nutritional therapy (liver/gallbladder/stomach meridians)
  low level laser therapy
  ultrasound
    * interactive
  TENS
  biomodulator (bowling ball)
    * interactive - reset your autonomics
  Alphastim
    * interactive - use a unit while you are here
  FSM
  essential oils/poultice

How to make many appliances with an Essix as the base

how to make a CAD/CAM orthotic, NTI and MAPA
APRIL 24,25- Module 3: CAVITATIONS, ROOT CANAL REMOVAL, ZIRCONIA IMPLANTS

Cavitations - what are they and how are they treated
How to identify probable areas of ischemic bone disease on a CBCT (I use the CareStream 9600)

How to treat areas of ischemic bone disease using x-tip, piezatome, ozone, laser and homeopathics

How to augment bony ridges deficient in width using ridge split

Indications, considerations and techniques for zirconia implant placement, temporization and final restoration

How CAD/CAM can facilitate implant restoration
How to remove a titanium implant, if need be
How the LightWalker Er:YAG/Nd:YAG aids in infection removal, bone cleaning and healing (SWEEPS), pain control and more

How nutrition affects all of the above and why it should be the first thing every dentist talks about in a consult
How to deal with implant complications (pain, infection, non integration, etc.)
What is PRF and how to get it and use it
Case studies reviewing each of the above

Live surgeries involving cavitation debridement and implant placement

Why are root canals toxic? what does the current research show?

Why titanium may not be the best choice for the body, with up-to-date research

What is zirconia? why is it a great alternative to titanium? how to place a zirconia implant case studies of all the above
**JULY 16,17,18 - Module 4: LASERS IN DENTISTRY**

Laser physics
How to use LightWalker laser for cavity preps, surgical debridement, soft tissue contouring, periodontal treatment, desensitization, etc.

* interactive - hands on laser treatment of extracted teeth and steak (yum!)

SWEEPS for surgical procedures
LLLT for faster healing and pain control
esthetics (wrinkles, moles, warts, hair, spider veins, etc.)
nightlase (snoring and sleep apnea)
bleaching

******July 16 will be a special outing to Pineview reservoir for skiing, wakeboarding and surfing

**SEPTEMBER 18,19 - Module 5: OZONE**

everything OZONE!
research and published articles galore!
caries
surgery
nasal insufflation
ear insufflation
pterygoid plexus injections
TMJ injections
lymph injections
scar injections
ozonating oil and water
autohemotherapy
trigger points
neural therapy
and more…

**OCTOBER 23,24 - Module 6: ORTHOPEDICS/ORTHODONTICS and OBSTRUCTIVE SLEEP APNEA**
sleep anatomy, physiology and terminology
how to prescribe and read a PSG (polysomnogram)
ambulatory sleep studies

* interactive - have an ambulatory sleep study (WatchPAT)
oral sleep appliance therapy (FBS, Somnomed, TAP, SilentSleep) and titration
informed consent documents
DNA appliance
pharyngometer and rhinometer

* interactive - measure each other’s airway and nasal passages
intervention at an early age - twin block therapy
airway at an early age
Damon bracket system
NOVEMBER 13, 14 - Module 7: DIGITAL IMPRESSIONS, CAD/CAM, RESTORATIVE

ozone in restorative
laser in restorative (Nd:YAG and Er:YAG)
sealing tubules (we need to keep these teeth ALIVE!)
using ribbond to strengthen teeth INTERNALLY
using adhesives and composite to stabilize phase II TMJ patients
safe Hg removal, chlorella
onlay and inlay design
snowcap design
digital impressions
  * interactive - scan each other
digital models
  * interactive - 3D print your models
CAD/CAM
  * interactive - design a crown and cut, stain and glaze it (using Ceramill 2 and eMax and zirconia)
how to best use the microscope during procedures and for patient education (Leica m320)

* cost: $1895 per module or $12,000 for all modules
* those purchasing all modules will receive an open copy of my practice management software, with a licensed copy of Filemaker Pro (please specify MAC or WINDOWS)
* each module will contain a thumb drive containing all discussion materials
* breakfast, lunch and dinner are provided, as are hot tub, tennis, pickle ball, volleyball, billiards, ping pong, movies, lounging at my home every day after coursework and hands-on
* modules are limited to 18 dentists each

to reserve your space, and for recommended accommodations, please call cheryl at 801-298-1812