



# MDAA Winter Blues Buster Educational Program

Saturday March 2, 2019 Frankenmuth Bavarian Inn (6) ce available



**Gary M. Berman, D.D.S., D.A.B.F.O.**

**9:00 AM-12:00 PM (3) CE**

## **Forensic Odontology - The Role of the Dentist, and Dental Auxiliaries in Forensic Dentistry from the Medical Examiner's Office to a Mass Disaster Team**

This course will examine the role of the Forensic Dentist in the local Medical Examiner's office with examples of typical cases seen in the Medical Examiner's office including Dental Identification, Bitemark Analysis, and Child Abuse. The makeup of the state of Michigan's Mass Disaster Team - MiMORT (Michigan Mortuary Response Team) and it's dental component, MDAFDIT ( Michigan Dental Association Forensic Dental Identification Team ) will be discussed. This MDAFDIT team is made up of Dentists and Dental Auxiliaries. The Federal Disaster Team – DMORT ( Disaster Mortuary Operations Response Team) response to both the World Trade Center and Hurricane Katrina, will be discussed with the emphasize on the role that the Forensic Odontologists and Forensic Dental Auxiliaries played. Bitemark Analysis and it's limitations will be discussed.

Dr. Gary Berman is a Board Certified Forensic Odontologist on staff at the Wayne County (Detroit) and Washtenaw County Medical Examiner's Office and is a Forensic Odontology consultant to the Genesee County Medical Examiner, Oakland County Medical Examiner's office and Sparrow Forensic Services, Lansing. Dr. Berman serves as the Morgue Operations chief for the MiMORT (Michigan Mortuary Operations Response) Team. Dr. Berman is also a member of DMORT region V, Kenyan International, and is the assistant team leader of the Michigan Dental Association's Forensic Dental Identification Team. Dr. Berman is a Fellow of the American Academy of Forensic Sciences and is a past President of the American Board of Forensic Odontology, a past Chair of the Odontology Section of the American Academy of Forensic Sciences and is a past President of the American Society of Forensic Odontology.



**Geoffrey E. Gerstner, DDS, MS, PhD**

**1:00 PM- 4:00 PM (3) CE**

## **An Introduction to Oral Function and Dysfunction**

This course will help dental professionals appreciate chewing, swallowing, speech and respiration. Obviously these functions are necessary for survival, but the course will show these functions compensating for the oropharynx, which is really an unnecessary common pathway between the respiratory and digestive systems. The course will introduce several dysfunctions, and cover what dentally-trained professionals look for in recognizing them. In fact, because some of these disorders are life-threatening, dental professionals can save patients' lives by recognizing them before it is too late. An important scientific review will let participants appreciate how the throat, chewing, swallowing, speech and respiration have all been tied together due to things that happened hundreds of millions of years ago.

Dr. Geoffrey Gerstner (Geoff, Dr. G) holds a BS in Zoology, which piqued his interest in animal behavior, evolution, ecology and mammalogy as a pre-dental student. After graduating, he applied to UCLA, because they had a dual MS-DDS program which he hoped would allow him to continue animal behavior studies. While interviewing at UCLA, he told the interviewing faculty that he wanted to enroll in the Oral Biology MS program so he could study echolocation in bats. Thankfully, UCLA was a very open-minded school and accepted him. But while studying bats, he got interested in the Oral Biology chair's lab, where an ethologist was studying guinea pig chewing under free-roaming conditions. As a result guinea pig oral behaviors became the study of his MS thesis. After completing the DDS and MS, he pursued more training through an NIH Dentist Scientist Award, which required him to get graduate clinical training and a PhD. He studied chronic pain as the clinical component, and he obtained a PhD in Neuroscience, where he did comparative oral behavior studies of six mammalian species at the San Diego Zoo, San Diego Wild Animal Park, Los Angeles Zoo and Phoenix Zoo. The people who mentored his doctoral work included a neuroscientist who studied chewing, a neurologist who studied Einstein's brain, a psychiatrist who studied primate colonies, a paleobiologist who studied saber tooth cats, a kinesiologist who studied cat locomotion, a physicist who studied everything, and an ethologist who studied lizards. He is currently an Associate Professor at the University of Michigan School of Dentistry, where he teaches 1st and 2nd year dental students and 3rd year hygiene students. His teaching focuses on mastication, swallowing, speech, temporomandibular disorders, sleep bruxism, and obstructive sleep apnea. He also teaches in a Mammalogy class in the Biology Department and has a joint appointment in the Psychology Department. He is currently pursuing graduate training in Dental Sleep Medicine. His clinical research looks at human mastication and sleep bruxism. His basic research looks at mastication in mammals. His live mammal subjects live in the field and at zoos, and his mammal specimens are at natural history museums.

### **REGISTRATION**

**Deadline to register is February 19, 2019. No Refunds after February 19, 2019**  
**A \$25 late fee will be added to those registrations received after February 19, 2019**

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Full Day: \$75 American Dental Assistants Association (ADAA) member; \$125 non-member, includes lunch from 12-1 pm  
 Half Day: \$50 American Dental Assistants Association (ADAA) member; \$ 75 non-member, includes lunch from 12-1 pm  
 Dental Assisting Students, Dental Hygiene Students, and Dental Students: \$35 full day (must specify school and be currently enrolled) Lunch 12-1

Name of Registrant \_\_\_\_\_

Address \_\_\_\_\_ City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ E-mail or fax # (Include to receive confirmation) \_\_\_\_\_

Please Indicate by circling:      Full Day                      AM Only                      PM Only

ADAA Membership Number (required to receive member pricing) \_\_\_\_\_ Amount enclosed \_\_\_\_\_

Mail To: MDAA C/O Laurel Fowler, 23001 Hoffman, St. Clair Shores, MI 48082      Make checks payable to: MDAA  
 Questions? Please contact Laurel Fowler at (586) 415-7110 or via e-mail at laurelhf@hotmail.com  
 Hotel Information: Bavarian Inn Lodge, One Covered Bridge Lane, Frankenmuth 48734      Phone: (989) 652-7200  
 Don't forget to ask about the special MDAA hotel room rate of \$110 for Friday night and \$140 for Saturday night using block # 1213DI.

**MDAA is an approved provider of continuing education by the Michigan Board of Dentistry thru December 2021.**