Course Title: **2023 ICA Annual Convention - Chiropractic Research Findings and Their Clinical Implications**
Instructors: Dr. Eric Plasker, Dr. Brandi Childress, Dr. Scott Rosa, Dr. Stephanie Sullivan, Dr. Dwayne Hoskins, Dr. Curtis Fedorchuk, Dr. Deed Harrison, Dr. Karlos Boghosian
Course Objective: This course provides an integrated education for the Doctor of Chiropractic in the scientific knowledge of the subluxation. The chiropractic attendee will gain the following from this program: Graduate level review of clinical consideration of chiropractic evidenced based models of chiropractic, clinical interventions of chiropractic case studies; brain, nervous system, and chiropractic implications, Principles and practices of chiropractic care and their clinical indications, diversity, and inclusion in chiropractic - ensuring improved clinical outcomes. An advanced lecture and review of a clinical systematic approach to the neurophysiology of cranio-cervical vertebral subluxation complex and chiropractic analysis of the vertebral subluxation complex.
Dates: April 21-22, 2023
Location: Park MGM Las Vegas, 3770 S Las Vegas Blvd, Las Vegas, NV 89109
Total Hours: 15

Friday; April 21

8AM-9:30AM Health care trends

- Evidenced based models of chiropractic principles for review of chiropractic impact in reducing the incidence, duration and severity of disease, conditions and illness that cause morbidity but not mortality.

1.5 Hrs. CE, Lecture, Principles of Practice **E. Plasker, DC**

9:35AM-11:05AM Clinical interventions of chiropractic case studies

- This course is designed to review principles of practice evidence-based practice (EBP) skills that will enable a Doctor of Chiropractic to improve patient care.
- This course provides a comprehensive overview of EBP, and the components essential for implementation of EBP in a clinical setting.
- The clinical assessment and clinical protocols based on evidence-based models will be reviewed at the postgraduate level.

1.5 Hrs. CE, Lecture, Principles of Practice **E. Plasker, DC**

11:15AM-12:45PM Brain, Nervous System, and chiropractic implications

- Evidenced based philosophical research of the nervous system and chiropractic clinical implications
- Nervous system relationship to vertebral subluxation complex
- Review of the direct and in-direct influence neuronal circuit breakdown has on the nervous system and additional organ/system components
- Nervous system relationship to chiropractic recommendations for care plan

1.5 Hrs. CE, Lecture, Principles of Practice **E. Plasker, DC**

12:45PM-2:30PM LUNCH NO CE

2:30PM-4:00PM Chiropractic primary care

a. Principles and practices of wellness chiropractic care and their clinical indications.
    - A focus on the total health care needs of the patient for the chief complaint.
    - Clinical science approach when to refer to other healthcare disciplines.
    - Clinical management of the treatment plan for permanent changes in your patient's lifestyle towards wellness.
    - Enhancing patient results with clinical protocols and recommendations.

1.5 Hrs. CE, Lecture, Principles of Practice **E. Plasker, DC**

4:00PM-7:00PM BREAK NO CE

7:20PM-8:20PM Summary of Evidenced based chiropractic

- Providing recent philosophical research on improving detection and correction of the vertebral subluxation through the chiropractic adjustment for optimal clinical outcomes.
- The clinical assessment and clinical protocols based on evidence-based models will be reviewed at the postgraduate level.

1 Hr. CE, Lecture, Principles of Practice E. Plasker, DC

8:25PM-9:25PM Diversity and Inclusion in Chiropractic - Ensuring Improved Clinical Outcomes

- This course offers current chiropractic clinical perspectives facing the chiropractic profession and includes fundamental principles of philosophy.
    - Identification of health issues in diverse populations and recognizes the impact of biological, chemical, behavioral, structural, psychosocial, and environmental factors on general health.
        - Clinical management involves the development, implementation, and documentation of a patient care plan for positively impacting a patient's health and well-being, including specific therapeutic goals and prognoses. It may include case follow-up, referral, and/or collaborative care for all patients.
    - Through this course, the doctor will have a greater understanding of how race may affect clinical outcomes in chiropractic care, how to address that in the patient-provider focused care plan.

1 Hr. CE, Lecture, Principles of Practice B. Childress, DC

<u>Saturday; April 22</u>

8:30AM-9:30AM Cranio-cervical instability

- An advanced lecture and review of a clinical systematic approach to the neurophysiology of cranio-cervical vertebral subluxation complex.
- An in-depth analysis of neurological components of the vertebral subluxation complex.
- Advanced diagnostic review and neurophysiological impact of cranio-cervical vertebral subluxation complex on the human nervous system.

1 Hr. CE, Lecture, Principles of Practice S. Rosa, DC

9:35AM-10:35AM Translating the chiropractic brain-body neuroplasticity research for use in daily chiropractic care

- Review the philosophy of the brain to form and reorganize synaptic connections, especially in response to disease or following injury
- Overview of the impact in brain-body neuroplasticity clinical findings
- Case studies of recent chiropractic brain-body neuroplasticity research

1 Hr. CE, Lecture, Principles of Practice S. Sullivan, DC

10:35AM-11:00AM BREAK NO CE

11:00AM-12:00PM Chiropractic analysis of the vertebral subluxation complex

- The principles of practice for monitoring the spine, along the nerve's dermatomal or distributional pathway, to formulate the location of vertebral subluxation complex through uneven heat distribution known as inflammation.
    - Inflammation will present as excessive heat and effect the attachment sites of joints, muscles and tendons resulting in pain, loss of function, redness, heat , swelling and joint stiffness.

1 Hr. CE, Lecture, Principles of Practice D. Hoskins, DC

12:00PM-2:00PM LUNCH NO CE

2:00PM-3:00PM Evidenced based model of generating patient case studies

- Review of epidemiology through technology and diagnostic testing procedures in the study and analysis of the distribution (who, when, and where), patterns and determinants of health and disease conditions in a defined population as noted in patient case studies.
- An in-depth technology of the epidemiology of prevalence of subluxation in multiple regions of the spine.

1 Hr. CE, Lecture, Principles of Practice **C. Fedorchuk, DC**

3:05PM-5:05PM Systematic comprehensive history taking and physical exam of cervical spine disorders and neurophysiology improvements

- History taking and exam of cervical spine disorders that have been found to respond to corrective chiropractic care: neck pain, neck disability, range of motion.
- Neuro-physiological measures and outcomes.
- Frequency, duration, and clinical guidelines of care.
- Sagittal plane models of the cervical lordosis and thoracic kyphosis.
- Biomechanical cervical subluxation categories indicative of trauma.

2 Hrs. CE, Lecture, Principles of Practice **D. Harrison, DC**

5:15PM-6:15PM Improving Clinical Outcomes

- Postgraduate review, to attain practical philosophical research knowledge that have a direct bearing on clinical outcomes.
- Comprehend the policy and regulatory benefits of quality clinical research that supports the detection, analysis, and correction of the chiropractic vertebral subluxation.
- Clinical Quality Measures, also known as CQMs, are a mechanism for assessing observations, treatment, processes, experience, and/or outcomes of patient care for the benefit of improving clinical outcomes.

1 Hr. CE, Lecture, Principles of Practice **K. Boghosian, DC**