

State Board of Chiropractic Examiners

To Whom It May Concern:

This letter is to state that as Director of Parker Professional Programs, I have reviewed the speakers below and determined that they are post-graduate level instructors, through a curriculum vitae or resume, and they have knowledge, training and expertise in the topics to be covered for “Online The Vexing Debate about Vaccinations 2020”. The documentation appears to fall within chiropractic guidelines of the various state boards.

Parker University
Continuing Education
2540 Walnut Hill Lane
Dallas, Texas 75229
www.parker.edu

Michele Maiers, DC

Please contact me if further information is needed, my direct phone number is 214-902-3492, or via email at pfrase@parker.edu.

Sincerely,



Phyllis Frase-Charrette
Director of Professional Programs

METHOD OF CERTIFYING IN ONLINE ACTIVITIES

1. **Name of Course:** Online The Vexing Debate about Vaccinations 2020
2. **Organization Sponsoring the Course:** Parker University
3. **Course Objective:** To enhance the expertise of the Chiropractic Professional.
4. **Study Hours Required:** 2 Online
5. **Instructor(s):** Michele Maiers, DC
6. Educational background and experience of instructor(s) is on file in the University offices.
7. **Attendance Verification Method and Certifying Officer:** The Online presentation is delivered via web pages in which the participant must review anatomy images, read supporting text, listen to audio instruction, and answer test questions. The time the participant spends on each page is logged and tracked. In addition, the test questions must be passed, or the participant cannot continue on to the following pages. The computerized log files that track the participant's access time and usage will be utilized to validate the attendance and participation. The instructors will be available for questions via e-mail. Upon successful completion, Parker University Continuing Education Department will maintain and distribute attendance records.
8. **Textbooks and/or Equipment Required:** Internet
9. **Outline of Material Covered:** Attached
10. **Location(s):** Computer/Internet Based
11. **Date(s):** Based upon date of actual completion

The Vexing Debate about Vaccinations (part I and II)

The impact vaccines have had on public health cannot be overstated, saving millions of lives every year and preventing disease in millions more. That being said, vaccines are not 100% safe. Some question the importance of mandated vaccination programs for rare diseases, as well as for diseases with high survival rates. Persistent conspiracy theories and gripping anecdotes have spawned anti-vaccination movements in pockets around the world. How can a chiropractor best serve their patient community in the midst of wide-ranging information, not to mention personal and professional philosophical beliefs? Part I of this course will review basic information on infectious diseases and immunity, and explore how vaccines have revolutionized public health. It will also take a close look at vaccine development and manufacturing, in context of mandated vaccination programs. Part two of this course will explore contemporary controversies about vaccinations, and how the chiropractic community can responsibly engage in the discussion.

During Part I of this course, you will:

1. Revisit foundational information about infectious diseases, innate and adaptive immunity, and types of vaccinations.
2. Reflect on the historical impact and ongoing role of vaccines on public health.
3. Explore controversy around vaccine development, manufacturing, and distribution, and the special provisions in place to protect this industry.
4. Examine the evidence around general public concerns regarding vaccine safety.

0-15 min

- Revisit foundational information about immunology, including an overview of how the immune system functions, and passive and acquired immunity.
- Recognize the most common infectious diseases and their mechanisms of contagion.

15-30 min

- Recall the history of vaccinations, and their global impact on public health.
- Explore compulsory vaccination laws in the United States, and how they contribute to herd immunity.

30-45 min

- Identify the steps necessary for vaccine research and development, manufacturing and distribution.
- Recognize the mechanisms of safety and adverse event reporting.
- Justify the necessity of special protections for vaccine manufacturers relative to possible unintended consequences of these policies.

45-60 min

- Differentiate between past and current utilization of additives and preservatives in vaccines.
- Explore the evidence about antigen load relative to multivalent vaccines and vaccination schedules.
- Interpret the utility of alternative vaccination schedules.

During Part II of this course, you will

5. Explore claims that link autism spectrum disorders and vaccines.
6. Discuss the role of vaccines in fighting acute seasonal infectious diseases like influenza, and COVID-19.
7. Contrast the public health principles of herd immunity with individual rights and freedoms.
8. Focus vaccine concerns into constructive action to improve public health.

60-75 min

- Critique the original research suggesting a link between autism and vaccinations.
- Critically review research evidence investigating whether a relationship between autism and vaccinations exists.
- Discuss what future research is needed to address persistent concerns about autism and vaccinations.

75-90 min

- Discuss the success rates of seasonal vaccines, including influenza, in terms of human suffering and economic impact.
- Illustrate the need for ongoing vaccination research, using the recent COVID-19 pandemic as an example.

90-105 min

- Contrast the public health principles of herd immunity with individual rights and freedoms.
- Identify recent examples of infectious disease outbreaks relative to immunization rates.
- Explore the impact of the anti-vaccine movement in the United States.

105-120 min

- Debate the professional responsibility of doctors of chiropractic relative to vaccines and vaccination policies.
- Identify strategies to critically appraise information about vaccines and immunizations.
- Explore responsible messaging about vaccines and immunization by the chiropractic community.

Michele J Maiers

5433 Bryant Ave S Minneapolis MN 55419 • 612-239-3765 • mmaiers@nwhealth.edu

OFFICE

Northwestern Health Sciences University
2501 W 84th St
Bloomington, MN 55431
(952) 888-4777 ext. 158
mmaiers@nwhealth.edu



ACADEMIC PREPARATION

- PhD Clinical Research and Biomechanics
Institute of Sports Sciences and Clinical Biomechanics
University of Southern Denmark, Odense, Denmark 2015
Dissertation: *Chiropractic and Exercise for Elderly with Neck Pain: a mixed methods comparative effectiveness trial*
- MPH Public Health Administration
Department of Health Services Research and Policy, University of Minnesota 2006
Concentration: Research
Master's Thesis: *The Prevention of Back Pain among the General Population*
Graduate Minor, Complementary Therapies and Healing Practices
University of Minnesota 2005
- DC Doctor of Chiropractic
Northwestern College of Chiropractic 2000
- BS Human Biology
Northwestern College of Chiropractic 2000

ACADEMIC POSITIONS and HONORS

- 2017-present Professor, Northwestern Health Sciences University (NWHSU)
- 2015-present Executive Director of Research and Innovation, NWHSU
- 2010-present Principal, Center for Healthcare Innovation and Policy, NWHSU
- 2009-2017 Associate Professor, NWHSU
- 2007-2013 Associate Dean of Research and Knowledge Transfer, Wolfe-Harris Center for Clinical Studies, NWHSU
- 2005-2009 Assistant Professor and Clinical Research Scientist, Wolfe-Harris Center for Clinical Studies, NWHSU
- 2001-2004 National Research Service Award [NIH T32]
- 2001 Research Fellow, Foundation for Chiropractic Education and Research
- 2000-2004 Research Fellow/ Project Manager, Wolfe-Harris Center for Clinical Studies, NWHSU

PROFESSIONAL AFFILIATIONS

- 2018-present Executive Council, World Federation of Chiropractic
- 2017-present Board Member, Integrative Healthcare Policy Consortium
- 2016-present Board of Governors, American Chiropractic Association (ACA)
- 2016-present Council Member, World Federation of Chiropractic
- 2015-present Fellow, International College of Chiropractors
- 2010-2016 Chiropractic Healthcare Section Councilor, American Public Health Association (APHA)
- 2008-2017 Minnesota Delegate, American Chiropractic Association (ACA)
- 2003-2008 Alternate Delegate, ACA

2000-present	Member in good standing, APHA
2000-present	Member in good standing, Minnesota Chiropractic Association
1997-present	Member in good standing, ACA

RESEARCH EXPERIENCE

CAM Research Education Partnership Project

Funding: National Institutes of Health National Center for Complementary & Alternative Medicine (1R25AT003582)

Role: Co-investigator

The broad, long-term objective of this project is to facilitate the practice of evidence-based health care among complementary and alternative medicine practitioners.

Chiropractic and Exercise Management of Spinal Dysfunction in Seniors

Funding: Health Resources and Services Administration (1 R18 HP15127)

Role: Principal Investigator

The broad objective of this study is to determine whether a short-term treatment model or long-term management strategy of chiropractic spinal manipulation and exercise results in better clinical outcomes among seniors with chronic spine-related disability.

Individualized Chiropractic and Integrative Care for Low Back Pain

Funding: Health Resources and Services Administration (1 R18 HP 07639)

Role: Co- Principal Investigator

The broad long term objective of this unique randomized clinical trial is to identify the most effective strategies for delivering individualized care for low back pain sufferers.

Chiropractic and Self-care for Back-related Leg Pain

Funding: Health Resources and Services Administration (1 R18 HP 07638)

Role: Co-Investigator

The overall objective is for this randomized, observer-blinded randomized clinical trial is to identify effective, non-surgical treatments for back related leg pain (also known as sciatica).

Chiropractic and Exercise for Seniors with Low Back Pain

Funding: Health Resources and Services Administration (5 R18 HP 01424)

Role: Co-investigator

The broad, long-term objective of this research is to identify effective therapies for low back pain and to discover the best methods for enhancing health and functional capacity in patients 65 years of age and older with low back pain of more than 6 weeks duration.

Chiropractic and Exercise for Seniors with Neck Pain

Funding: Health Resources and Services Administration (5 R18 HP 01425)

Role: Co-investigator

The broad, long-term objective of this research is to identify effective therapies for neck pain and to discover the best methods for enhancing health and functional capacity in patients 65 years of age and older with neck pain of more than 12 weeks duration.

Manipulation, Exercise and Self-care for Low Back Pain

Funding: Health Resources and Services Administration (4 R18 HP 10009)

Role: Project Manager

The major goal of this study is to examine the relative efficacy of three interventions in terms of patient-rated outcomes in the short and long term for non-acute low back pain.

A Pilot Study of Massage and Self-Care Education for Tension-Type Headache

Funding: The Massage Therapy Foundation

ONLINE CE ATTENDANCE CERTIFICATE

Name: _____

Title: Online: XXXX

Address: _____

Course # XXXX

Date: XXXX

City: _____ **State:** _____ **Zip:** _____

Location: Online

STATE [only one per voucher]: _____ **YOUR STATE LICENSE #:** _____

DO NOT WRITE BELOW THIS BOX

Completion Date	Class Hours	Course Title	Instructor
XX/XX/XX			

TOTAL HOURS ATTENDED: _____

Board Approval No. _____



Phyllis Frase Charrette
Director, Parker Professional Programs

This certificate is to acknowledge your completion of the Online Continuing Education course shown above. This copy is for your records and can be submitted to your board of licensing. Please Note: Verify the information is correct upon receipt – discrepancies will only be accepted up to 6 months after the closing date of the course. Please keep this certificate in a secure place. Any replacement, copy, or fax will incur a \$25 fee per certificate.



These Questions are delivered via the Parker Seminars mobile App.

Quality Feedback Survey

Course Name: _____

Date: _____ Location: _____

How did you hear about this Course?

Parker Brochure School E-mail Referral Parker Web Site Other _____

Please score each speaker on an “A to E” scale, with “A” Extremely Satisfied and “E” being Extremely Dissatisfied.

How would you rate this speaker

a b c d e

Rate the overall content of the session:

a b c d e

Rate the classroom & facilities:

a b c d e

Please add any additional comments:

a b c d e

Is there a certain speaker or topic you would like to see next time?:

a b c d e

12) What topics would be of interest to you for future classes?

Comments:

THANK YOU FOR YOUR FEEDBACK!

The purpose of this quality feedback survey is to provide information to the Instructors and to Parker University about extant standards of performance. **Your response will be held in confidence. You will not be identified in any way by reference to your response. For additional complaints or concerns regarding this program please contact Parker University at 800.266.4723.** Parker University will share the outcomes of this evaluation with the Instructor, and will keep a copy on file in the Continuing Education Office to demonstrate compliance with accreditation standards and requirements.