



AMERICAN COLLEGE OF
OCCUPATIONAL AND
ENVIRONMENTAL MEDICINE

April 17, 2024

NIOSH Docket 278

c/o Ms. Pauline Benjamin, Committee Management Specialist
National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention
1600 Clifton Road NE
Atlanta, Georgia 30329-4027

Submitted via: nioshdocket@cdc.gov

RE: Nomination and Recommendation of Candidate Dr. Kathryn Mueller for Membership on the NIOSH Board of Scientific Counselors

On behalf of the American College of Occupational and Environmental Medicine (ACOEM), I am writing to nominate and recommend Kathryn L. Mueller, MD, MPH, FACOEM, for membership on the National Institute for Occupational Safety and Health (NIOSH) Board of Scientific Counselors (BSC). Dr. Mueller has robust expertise in the field of occupational safety and health, specifically within the discipline of occupational medicine.

Dr. Mueller is a Professor in the Colorado School of Public Health, and the Department of Physical Medicine and Rehabilitation at the Anschutz Medical Center, University of Colorado Medical School in Aurora, Colorado. She is an expert in evidence-based guidelines and disability management. She has served previously as the Medical Director of the Division of Workers Compensation in Colorado, the Medical Director for the Student and Occupational Health Services at the University of Colorado Medical Center, the Medical Director for the Colorado Division of Emergency Medical Services, and the Director of Occupational Medical Residency program at the University of Colorado, among many other positions. Through these roles, Dr. Mueller has developed evidence-based guidelines used in Colorado and adopted in whole or in part by several other states as a basis for care for work-related injuries.

Dr. Mueller has served on several scientific advisory panels, including those for the Workers Compensation Research Institute, Med Risk, a recent Patient-Centered Outcomes Research (PCOR) Washington, an Ohio State grant involving opioid use, and an AHRQ technical expert panel on opioid treatment for chronic pain.

Within ACOEM, Dr. Mueller was elected and has served as ACOEM President and in several other leadership positions on the Society's Board of Directors. She is currently an active and valuable member of three of ACOEM's Councils. Founded in 1916, ACOEM is the nation's largest medical society dedicated to promoting employee health through preventive medicine, clinical care, research, and education. The College represents more than 4,000 physicians and other healthcare professionals specializing in occupational and environmental medicine (OEM) who are devoted to preventing and managing occupational injuries.

She served on the initial ACOEM medical treatment guidelines committee and continues to be involved with the methodology for evidence-based medical decisions and the ACOEM low back pain guidelines. In addition, Dr. Mueller has been involved in many projects with occupational health related organizations, both as a representative of ACOEM and based on her own expertise with evidence-based guidelines. She has worked with the National Safety Council representing ACOEM on opioid issues and as a member of the Council's safety guidelines committee.

Her passion for engaging all healthcare providers in the provision of medical care and specifically in improving workers' function, quality of life, and ability to work has been evident in all of her activities. Nationally, she has been honored with three significant awards demonstrating her coordinated work with multiple entities within the occupational health care systems:

- Medical Cum Laude Award by Workers' Compensation Central at their 2015 annual conference;
- One of the 50 Most Influential People in Workers' Compensation and Occupational Medicine, by SEAK, Inc. and the National Workers' Compensation and Occupational Medicine Conference in 2014; and
- Awarded Francis Perkins Award by IAABC, International Association of Injuries & Accidents Boards & Commissions in 2012

Dr. Mueller has spent more than three decades in the field of occupational medicine and has a strong background with both clinical and policy-related experience. She is a dependable source of collaboration and an ardent proponent of consensus-based decision-making that can lead to meaningful changes in policy and behavior. Notably, she has been active in advancing the understanding and awareness of topical issues such as the intersection of long COVID and return-to-work policy in external venues such as webinars and with government agencies.

Dr. Mueller is aware of this nomination and is willing to serve. She can be reached at:

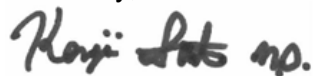
Address: 2593 S Josephine St., Denver, CO 80210

Email: kathryn.mueller@cuanschutz.edu

Phone: 303-912-4006

We are very pleased to offer this letter of support for Dr. Mueller's membership on the National Institute for Occupational Safety and Health (NIOSH) Board of Scientific Counselors (BSC). If you should have any questions or need additional information, please contact Dane Farrell (Dane@cascadeassociates.net), ACOEM's Government Affairs Representative.

Sincerely,



Kenji Saito, MD, JD, FACOEM

President

American College of Occupational and Environmental Medicine
(ACOEM)

Enclosure: Qualifications and Fitness to Serve Cover Letter (A), Letter of Recommendation from Dr. Michael Kosnett (B), Letter of Recommendation from Dr. Lee Newman (C), & Current Curriculum Vitae (D)

CC: Maria Strickland, MPH
Chief of Staff
National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention

Enclosure A

Cover Letter – Qualifications and Fitness to Serve on the NIOSH Board of Scientific Counselors

April 8, 2024

Dear Committee for the selection of NIOSH Board of Scientific Counselors,

I am submitting this letter as part of an application for the NIOSH Board of Scientific Counselors. In my three-decade career in occupational medicine, I have pursued three major areas of practice that provide me with the necessary skills to become proficient in clinical occupational medicine and policymaking. Since 1981, I have developed and taught primary clinical and continuing education for medical students, residents, practicing physicians, nurse practitioners, and physician assistants. My unique experience in educating professionals from all levels of expertise has provided me insights on how to effect real-world changes in clinical practice and regulations. In addition to my expertise in evaluating literature for methodology and quality, and experience translating policy into action, I believe my background can be useful on the NIOSH Board for Scientific Counselors.

Sustaining a healthy and safe workforce has always been my primary goal. The US workforce is the foundation of our country and deserves the highest level of safety protection and health care. When I began to transition from my initial specialty of emergency medicine to occupational medicine, I was introduced to the importance of NIOSH early in my MPH training. It became my immediate “go to” resource for the latest scientific information on work exposures and surveillance standards. When I developed the surveillance protocols for the University of Colorado Medical Center, I relied upon NIOSH as the resource with the highest level of scientific backing. It was the first location I taught residents and public health students to consult. While it is sometimes difficult to convince employers to adopt protocols that are often above OSHA requirements, I found many employers did place the safety and health of their workers first.

I have continued to work with NIOSH throughout my career. I have contributed as a presenter or attendee on diverse topics including opioid use, the need for patient reported functional gain measures as quality measures for health care of all workers, and goal setting for NIOSH. Most recently, I was as a presenter for the NIOSH session on long covid and workers at the Association of Occupational Health Professionals (AOHP) fall conference.

I have over 30 years’ experience in medical issues directly relevant to NIOSH’s mission. In 1988 I became the Medical Director for the Student and Occupational Health Services at the University of Colorado Medical Center, where I ran the occupational clinic and was responsible for medical surveillance throughout the campus. I became knowledgeable regarding the many hazards in a medical center, such as various research and lab facilities, oncological drug injections, power plant centers, and other hazardous exposures to

Enclosure A

workers. During this time, I completed my Masters in Public Health and my second board certification in occupational medicine.

In 1992, based on major workers' compensation reform legislation, I was appointed the first Medical Director for the Colorado Division of Workers Compensation. My work as Medical Director led to my involvement with the American College of Occupational Environmental Medicine (ACOEM), which contributed to my expertise in developing and understanding evidence-based guidelines. During my tenure as the Workers Compensation Medical Director, I developed innovative policies at the Colorado Division of Workers' Compensation for training physicians and PAs involved in work related injuries. I also developed and edited among the first state specific medical practice guidelines for workers compensation. The guidelines were initially consensus based and supported with scientific references. They became fully evidence-based through compliance with the then Agency for Health Research and Quality (AHRQ) standards and Institute of Medicine (IOM) principles for evidence-based guidelines. These treatments were then adopted in full or in part by other states, including Louisiana, Delaware, Montana, and New York.

The opioid policies and warnings in the Colorado workers compensation chronic pain guidelines of 2007 and 2011 led to significant statewide changes on opioid prescribing. Dr. Lee Newman and I were among the first physicians working on the opioid overdose problem in Colorado. Like Washington state, we in Colorado recognized early the need for constraints on the use of opioids and better chronic pain management. The workers compensation treatment guidelines in Colorado had addressed the opioid issues beginning in 2007 in the chronic pain treatment guidelines. Dr. Newman and I led the project working with the Colorado Department of Regulatory Agencies to develop new standards of practice across all disciplines who prescribe opioids. This was an innovative concept and fortunately led to prescribing polices regarding opioids enacted by the Colorado Department of Regulatory Agency across licensing areas in 2014. It now serves as a model for other overlapping policy development. Shockingly, up until this point, the regulatory agencies (which oversaw practitioners who were able to prescribe opioids, including nurse practitioners, physicians, podiatrists, dentists, and veterinarians) had no coordination and had not developed common policy regarding prescriptions of any kind.

I have worked with the Workers Compensation Research Institute since its inception as an advisor and co-author on various epidemiological studies, attempting to evaluate how policies are carried out in states and what the outcomes of the policies were. I recognize that the translation of research-based and evidence-based information into the practical world requires significant policy work and working directly with practitioners and their organizations. I have served on numerous scientific advisory panels, including those for Workers Compensation Research Institute, Medrisk, and a recent Patient Centered Outcome Research Institute (PCORI) Washington and Ohio State grant involving opioid use.

I would be privileged to engage with my colleagues on the NIOSH Board of Scientific Counselors and provide information that can move worker health forward in many areas, including wellness and research to practice.

Enclosure A

Sincerely,

A handwritten signature in black ink, consisting of the letters 'K', 'L', and 'M' followed by a long, sweeping horizontal line that ends in a slight upward curve.

Kathryn L Mueller, MD, MPH, FACOEM

Professor, University of Colorado Anschutz Medical Campus

School of Medicine, Department of Physical Medicine and Rehabilitation

School of Public Health

Address: 2593 S Josephine St., Denver, Colorado 80210

Email: Kathryn.Mueller@cuanschutz.edu

Enclosure B



UNIVERSITY OF COLORADO
COLORADO STATE UNIVERSITY
UNIVERSITY OF NORTHERN COLORADO

Colorado School of Public Health
CU Anschutz Medical Campus
Fitzsimons Building, Mail Stop B119
13001 E 17th Place, Aurora, CO 80045

April 8, 2024

NIOSH Docket 278 (Nominations to Board of Scientific Counselors)
c/o Ms. Pauline Benjamin,
Committee Management Specialist
NIOSH, CDC

Ladies and Gentlemen:

It is my pleasure to highly recommend Kathryn L. Mueller MD, MPH for service on the NIOSH Board of Scientific Counselors. I have known and worked with Dr. Mueller as an occupational medicine faculty colleague at the University of Colorado School of Medicine and the Colorado School of Public Health since 1995. She is a brilliant physician who has earned national acclaim as an innovator and policy formulator in occupational health – particularly in the realm of workers compensation. As a member of the Board of Scientific Counselors, Dr. Mueller would be superbly suited to offer NIOSH guidance in the development and implementation of programs and policies, especially the longstanding Research to Practice (r2p) initiative.

In 1992, Dr. Mueller was hired as the first Medical Director of the Colorado Division of Worker's Compensation. Effective leadership of a workers compensation program demands performance that earns the trust and support of numerous stakeholders with disparate interests, including those in the fields of labor, management, insurance, health care, and public health. It is a testament to Dr. Mueller's extraordinary skill in the integration of science and policy that she served as Medical Director for the next 27 years. Dr. Mueller quickly recognized that community practices in the management of occupational injuries and illness were highly variable, and often failed to reflect either consensus guidance or published research. Responding to this shortcoming, she launched and directed a program to establish formal Medical Treatment Guidelines for numerous occupational injuries. Building on the emergence "evidence based medicine" in the late 1990s, Dr. Mueller directed the creation of evidence-based Medical Treatment Guidelines in occupational health that adhered to principles recommended by organizations such as the AHRQ and the Institute of Medicine. Her innovative approach received national recognition, and indeed many of Colorado's guidelines have been adapted in full or part by other states.

While Medical Director of the Colorado Division of Worker's Compensation, Dr. Mueller continued to serve in an academic and clinical role at the University of Colorado and as a leader in national organizations. These included her role as the Director of the University of Colorado Occupational Medicine Residency program, service on the advisory board of the regional NIOSH ERC, President of the American College of Occupational and Environmental Medicine (ACOEM), author of peer-reviewed research, and clinical practice as an attending physician. This unique

Enclosure B

multi-faceted background has resulted in her keen ability to assess, communicate and implement the translation of research to practice. Based on my perspective as a former member of the NIOSH BSC, I know of no other occupational health professional who is better suited than Dr. Mueller to advise NIOSH leadership on the future direction of its vital R2P program.

Dr. Mueller has always combined her strong work ethic and attention to excellence with an amiable demeanor that fosters consensus and progress. She is certain to be a highly engaged and productive member of the NIOSH Board of Scientific Counselor.

Sincerely,

A handwritten signature in black ink that reads "Michael J. Kosnett". The signature is written in a cursive style with a long horizontal line extending to the right.

Michael J. Kosnett MD, MPH
Associate Adjunct Professor
Department of Environmental and Occupational Health
Colorado School of Public Health

Enclosure C

colorado school of
public health

UNIVERSITY OF COLORADO
COLORADO STATE UNIVERSITY
UNIVERSITY OF NORTHERN COLORADO

Center for Health, Work & Environment

Office of the Director

**Department of Environmental and
Occupational Health**

Campus Box B119 HSC
13001 E. 17th Place
Aurora, CO 80045
303 724 7813 office
303 724 7834 fax
chwe.ucdenver.edu

April 8, 2024

National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention
400 7th St, SW Washington, D.C. 20024

Re: NIOSH Board of Scientific Counselors – Kathryn Mueller, MD, MPH, FACOEM

To Whom It May Concern:

It is with great pleasure that I nominate Dr. Kathryn Mueller for your consideration for the NIOSH Board of Scientific Counselors. I have known Dr. Mueller for more than 30 years during which time I have had many opportunities to work directly with her and to observe her contributions to the OSH field. She can offer NIOSH particular strengths in the arenas of occupational and environmental medicine, worker disabilities and impairment, understanding of the impact of the opioid crisis on workers and the workplace, and a broad vision of how the future of work will be impacted by all the above.

Her background is noteworthy: Dr. Mueller completed training originally in Emergency Medicine, and subsequently trained and became board certified in both Preventive Medicine and Occupational and Environmental Medicine, receiving recognition with Fellowship in both Emergency Medicine and Occupational and Environmental Medicine during her career. She has consistently found ways of integrating clinical practice and public health/prevention for the betterment of workers.

Her CV fills in the details that lead to her present position as a Professor at the University of Colorado, where she is a Professor in the Department of Physical Medicine and Rehabilitation in our School of Medicine as well as in the Department of Environmental and Occupational Health in the Colorado School of Public Health. I wish to highlight a few of her particularly noteworthy achievements.

Dr. Mueller has always been the consummate physician educator, taking a scholarly, evidence-based approach to development of best practices in medical education and creation

of evidenced-based guidelines. I would like to highlight that she served as the Director of the Occupational and Environmental Medicine Program for more than 5 years, during which time she grew that program's size and quality – positioning it to become a cornerstone program in the Mountain and Plains Education and Research Center (MAP ERC) when that center started in 2007. During her tenure as director of the Student and Occupational Health Services at University of Colorado Hospital she served as the practicum site director. She was a popular educator of our trainees, many of whom have gone on to leadership positions in academia and leaders of clinical Occupational Medicine practices throughout the country. When she became the Medical Director for the Colorado Division of Workers' Compensation, she became *Colorado's premier occupational safety and health educator*. I base this on her role in leading the development of state guidelines for the assessment of work-related injuries, development of innovative courses taken by thousands of practitioners across the state (called Level I and Level II Certifications, that are now written into state statute), and her personal role in teaching of the courses statewide that prepare practitioners to complete these certifications, as required of all practitioners who perform impairment ratings. Notably, from the perch of Director for the state Division of Workers' Compensation, her rigorous reviews and periodic updates of diagnosis and treatment guidelines have become integral elements of our national guidelines, relied on daily by physicians who treat injured workers every day.

Dr. Mueller has consistently been at the vanguard, identifying emerging challenges facing American workers. As early as 2008, she was sounding the alarm about an emerging issue in occupational medicine and pain medicine – what became to be known as the opioid epidemic. In 2009, the then-director of our state-based worker's compensation insurer heard a lecture by Dr. Mueller and approached me because their own data was able to confirm the negative impact of opioids on workers' injury recovery and the rise in opioid dosing of workers. My first stop was Dr. Mueller. Under her guidance and tutelage, we were able to develop one of the first courses in the nation for health providers on chronic pain management that identified the risks of overprescribing opioids, offered alternative evidence-based treatments for pain, and that was completely independent of pharmaceutical industry support or influence. More than 10% of all practitioners and practice managers, including all "Level II Certified" physicians in Colorado took that course in 2010-2011, helping to change the course of practice in the state, as documented in her subsequent research and publications. She continues to provide persuasive, evidence-based education for professional societies, practice guidelines, and practitioners on best practices for pain management.

I defer to others the pleasure of extolling her contributions to the American College of Occupational and Environmental Medicine (ACOEM), American Medical Association, American Public Health Association, American College of Physicians, American Pain Society, American Psychological Association, American Board of Independent Medical Examiners, and other professional societies at the national level: A remarkable display of public service for the benefits of workers. Suffice it to say that Dr. Mueller has been a generous contributor to the dissemination of best practices for the recognition, treatment, and assessment of work-related injuries throughout her career. She is the recipient of many awards that underscore her singular, tireless achievements. Allow me to highlight a few of these that bear special attention

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colorado school of
public health

UNIVERSITY OF COLORADO
COLORADO STATE UNIVERSITY
UNIVERSITY OF NORTHERN COLORADO

(outside of those associated with her outstanding contributions to ACOEM). In 2014, she was recognized as one of the 50 most influential people in Workers' Compensation and Occupational Medicine by SEAK, Inc and at the National Workers' Compensation and Occupational Medicine Conference. In 2015 she was awarded the Medical Cum Laude Award by Workers' Compensation Central at their annual conference. In 2016, the Colorado School of Public Health recognized her with the singular award of Excellent in Public Health Practice by an Individual.

In conclusion, I believe that the NIOSH Board of Scientific Counselors would be well-served by appointing Dr. Mueller to the Board of Scientific Counselors. Her understanding of the research, training, and dissemination needs in the arenas of the opioid crisis , disability, impairment, guidelines for prevention and treatment of occupational illness in injury are among the contributions she would contribute.

Sincerely,



Lee S. Newman, MD, MA, FACOEM FCCP

Distinguished University Professor of Public Health and Medicine
Director, Center for Health, Work & Environment and the Mountain and Plains Education and Research Center (MAP ERC)
Department of Environmental and Occupational Health and Department of Epidemiology
Colorado School of Public Health and
Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine
School of Medicine
University of Colorado

Enclosure D

Curriculum Vitae

KATHRYN L. MUELLER, MD, MPH, FACOEM

PRESENT POSITIONS

Professor, Department of Physical Medicine and Rehabilitation
Colorado School of Public Health
University of Colorado Anschutz Campus
12401 East 17th Avenue, B-215
Aurora, CO 80045
From: 7/2005

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Current business address
2593 S Josephine St
Denver, Co 80210

EDUCATION

1994	Medical College of Wisconsin Milwaukee, Wisconsin Degree: Masters in Public Health
1987-1988	Mini-Residency in Occupational Medicine Cincinnati, Ohio
1979-1981	Emergency Medicine Resident, Christ Hospital Oak Lawn, Illinois
July 1978- December 1978	Otolaryngology Resident, New York University Medical Center New York, New York
1977-1978	Surgery Resident, Creighton University School of Medicine Omaha, Nebraska
Graduate 1977	University of Nebraska Medical School Omaha, Nebraska Degree: M.D.
Undergraduate 1973	University of Nebraska Lincoln, Nebraska Degree: B.A.

CERTIFICATION AND FELLOWSHIPS

1997	Fellow, American College of Occupational and Environmental Medicine
1995	Board Certification, Preventive Medicine - Occupational Medicine
1993	Master, American College of Occupational and Environmental Medicine
1992	Recertified, Emergency Medicine
1983	Board Certification, Emergency Medicine

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1983 Fellow, American College of Emergency Medicine
1978 Diplomate, National Board of Medical Examiners

INSTRUCTOR CERTIFICATION

Advanced Trauma Life Support Instructor, 1988
Basic Trauma Life Support (BTLS) Instructor, 1986
Advanced Trauma Life Support (ATLS) Provider, 1983
Advance Cardiac Life Support (ACLS) Instructor Update, 1982
Advance Cardiac Life Support (ACLS) Instructor, 1980
CPR Instructor, 1980

LICENSURE

1987-Present Practice of Medicine, State of Colorado
1979-2002 Practice of Medicine, State of Illinois
1978-79 Practice of Medicine, State of New York

ACADEMIC APPOINTMENTS

Professor Departments of Surgery and Preventive Medicine
University of Colorado School of Medicine
4200 E. 9th Ave.
Denver, CO 80262
2005-2013

Associate Professor Departments of Surgery and Preventive Medicine
University of Colorado School of Medicine
4200 E. 9th Ave.
Denver, CO 80262
1998-2005

Assistant Professor Department of Surgery
1987 – 1998
Department of Preventive Medicine
1991- 1998

Instructor Emergency Medicine
Rush Medical School
Chicago, Illinois
1984-1987

OTHER PROFESSIONAL EXPERIENCE

2019-2020	Medical Consultant, Colorado Division of Workers' Compensation Colorado Department of Labor & Employment
July 2007- September 2019	Practicum Site Director, Division of Workers Compensation - Occupational Medicine Residency
July 2002- June 2007	Director Occupational Medicine Residency
July 2001-	Associate Director Occupational Medicine Residency
September 1992-2019	Medical Director, Colorado Division of Workers Compensation
January 1992- July 2001	Practicum Site Director, University of Colorado Health Center - Occupational Medicine Residency
February 1991- 2007	Medical Consultant, Denver Public School Employees Pension and Benefit Association Disability Retirement Committee
August 1996- June 2001	Attending Physician, Student and Occupational Health Services, University of Colorado Hospital
January 1989- July 1996	Director, Student and Occupational Health Services, University of Colorado Health Sciences Center
July 1991- July 1992	Physician Advisor, State of Colorado Department of Health, Emergency Medical Services
December 1987- 2001	Attending Physician, Emergency Department, University of Colorado Hospital
December 1987- December 1988	Physician Advisor, Pre-hospital Services, University of Colorado Hospital
December 1987- December 1988	Supervising Physician, Student/Employee Health Services, University of Colorado Health Sciences Center
August 1984- September 1987	Medical Director, IDPH-sponsored statewide research - EMT-I defibrillation and intubation

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April 1983-
September 1987

Co-Project Medical Director, Christ Hospital EMS Program

July 1981-
September 1987

Attending Physician, Christ Hospital, Emergency Medicine

January 1979-
June 1979

Occupational Medicine – employee clinic work and review of claims for Equitable Life Insurance Company, New York, New York

MENTORSHIPS

Residents

Sandra Buseman, MD, MSPH – graduated October 2006, employed in occupational and preventive medicine in Wisconsin

Carol Gunn MD, MPH – graduated December 2005, passed Boards in 2006, employed in occupational medicine in Oregon, presented three poster sessions one at AOHC in 2004.

Roxana Witter, MD, MSPH – graduated 2005; current position – Occupational medicine physician with Injury Care Colorado. Dr. Mueller served as thesis committee chair and is one of the authors on a paper submitted for publication reviewing reported health effects of first responders to methamphetamine labs. Received award for outstanding resident research at American Occupational Health Conference in May 2004.

Randy Burris, MD, MPH – graduated 2004; current position - Occupational Medical Director for Vail Ski Corporation

Kate Flanigan, MD, MPH – graduated 2004; has two small children and is currently working half-time as occupational medicine physician for the federal system

Delos Carrier, MD, MSPH – graduated 2003; currently Medical Director for City of Colorado Springs

Craig Glazer MD, MSPH - graduated 2002; now on faculty at the University of Texas Southwestern Medical Center, Dallas, Texas

Carol Epling, MD, MSPH - the third resident to graduate from the UCHSC residency. She rotated in the occupational health clinic at the University, then became an attending under my leadership in the same clinic and is now an Assistant Professor at Duke University Medical Center in the Occupational Medicine Program

Ethan Moses, MD, MPH – currently the Colorado Medical Director for the Division of Workers Compensation and in Clinical Practice

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Margaret Cook-Shimanek, MD, MSPH – previously the Medical Director for Montana’s Workers compensation system and currently the Medical Director for Montana Department of Public Health

Served as a member or chair of the following thesis committees and worked with the students using data from my research at the Division of Workers’ Compensation or National Jewish Center research projects.

1. Jennifer Jung – MSPH degree – member of thesis committee 2006
Title: Relationship of Psychosocial Factors & Asthma in Adolescents
2. Roxana Witter, MD – MSPH degree – Chair of thesis committee
Title: Methamphetamine Laboratory Responders Symptomatology. 2005
3. Delos Carrier, MD – MSPH degree
Title: The Effect of Systemic Corticosteroids in Treating Chronic Beryllium Disease. 2003
4. William Woo, MD - MSPH degree
Title: The Effects of Risk Identification in Workers' Compensation Claims for Cumulative Trauma Disorders of the Upper Extremities. 2001
5. Edward Whitney, MD - MSPH degree
Title: Outcomes of Adherence to Medical Treatment Guidelines for Carpal Tunnel Syndrome in a Workers' Compensation Population. 2000
6. Doug Patron, MD - MSPH degree
Title: Evaluation of an Accredited Independent Medical Examiner Program. 1993

HONORS

- | | |
|------|---|
| 2021 | Colorado Magazine - Top Doctor 2021/2022 |
| 2019 | ACOEM Executive Committee Award to Functional Status Task Force, as Chair of the Committee |
| 2016 | Excellence in Public Health Practice by an Individual from the School of Public Health |
| 2015 | Awarded 2015 Medical Cum Laude Award by Workers’ Compensation Central at their annual conference |
| 2014 | Honored as one of the 50 Most Influential People in Workers’ Compensation and Occupational Medicine, by SEAK, Inc. and the National Workers’ Compensation and Occupational Medicine Conference. |

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- 2012 Awarded Francis Perkins Award by IAIABC, International Association of Injuries & Accidents Boards & Commissions
- 2001-Present Listed in Best Doctors in America 2007-2008 database – determined by peer review survey
- 2007 Awarded the Meritorious Service Award for outstanding occupational medicine physician from the American College of Occupational and Environmental Medicine - presented May 6, 2007
- 2006 Received both the President’s Award and the AL D-Antonio DOWC/DOAH Awards from the Colorado Professionals in Workers Compensation
- 2005 Listed in “Guide to America’s Top Physicians” 2004-2005 edition – selection process through Consumers’ Research Council of America
- 2005 Listed in Dictionary of International Biography – published by International Biographical Centre
- 2004 International Association of Injury Accident Boards and Commissions (IAIABC) received the award for “Best Research Product” as first author
- 2004 Associate Chair of the ACOEM Committee on Practice Guidelines that received the award for “Outstanding Achievement” from the ACOEM President
- 2004 Invited to be included in “2000 Outstanding Academics of the 21st Century”
- 2004 Listed in “2000 Outstanding Intellectuals of the 21st Century”
- 2004 Nominated for Professionals in Workers’ Compensation Colorado “DOWC/DOAH” Award
- 2003 Listed in “America’s Registry of Outstanding Professionals”
- 2002 Invited to be included in “One Thousand Great Americans” published by International Biographical Centre in Cambridge, England
- 2001 – Present Listed in Who’s Who in America, and additionally in 2002, in the World, in Medicine and Health Care, of American Women
- 2000 National Leadership in Occupational Medicine Award from the Central States Component of the American College of Occupational and Environmental Medicine

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BOARD/OFFICER POSITIONS

2015 – 2016	American College of Occupational and Environmental Medicine, Immediate Past President
2014 – 2015	American College of Occupational and Environmental Medicine, President
2012 – 2014	American College of Occupational and Environmental Medicine, Vice President
2004- 2006	American College of Occupational and Environmental Medicine, Secretary/Treasurer – Chair, Board Finance Committee
2000-2004	American College of Occupational and Environmental Medicine Board of Directors - Member, Board Finance Committee
1992-1995	Oral Board Examiners for Emergency Medicine - ABME
1997	Rocky Mountain Academy of Occupational and Environmental Medicine
1997	President
1996	President-Elect
1995	Vice-President
1992-1994	Member of the Board
1991-1992	Colorado American College of Emergency Physicians Board of Directors

EDITORIAL BOARDS AND ADVISORY POSITIONS

Member – Study Advisory Committee – Patient Centered Outcomes Research (PCOR) –
Grant Washington State, Washington and Ohio Worker Study on opioids 2019 – 2022

Member – International Scientific Advisory Board – Med Risk, 2010 – present

Member – Technical Expert Panel – for Agency for Health Care Research & Quality
(AHRQ) on “Opioid Treatments for Chronic Pain” - 2019

Advisor and Reviewer – The Medical Disability Advisor – Workplace Guidelines for
Disability Duration – 6th Edition, 2009

Associate Editor, Chronic Pain: Occupational Medicine Practice Guidelines, ACOEM, 2008

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Panel Member, Low Back Pain Clinical Guideline Project sponsored by American Pain Society and the American College of Physicians, July 2005 – 2008.

One of six section editors - AMA Guides to the Evaluation of Permanent Impairment, 6th Edition, in progress, 2004 - 2007.

Editorial Board - Insights Newsletter for the ACOEM Treatment Guidelines – 2001 – 2007

Editorial Advisory Board for Disability Medicine Journal 2006-present

Peer Review – IAIABC Journal, 2005 – 2008

Advisor and Reviewer - The Medical Disability Adviser, 3rd edition, ed. Reed, Presley, 2001-2005

Peer Reviewer – Medical Care published by the American Public Health Association, 1999-present.

Senior Advisor and Reviewer, 5th edition, AMA Guides to the Evaluation of Permanent Impairment, September 1997-July 1998.

The AMA Guides Newsletter, Editorial Board, published by the American Medical Association, August 1996-present.

TOMES Plus, published by MICROMEDEX Inc., peer reviewer, 1991- 2004

ORGANIZATIONS – MEMBERSHIPS AND POSITIONS HELD

Committees – National

2019-2022	Member representing ACOEM – Steering Committee NIOSH Total Worker Wellness relocation to CU
2018-Present	Member - APA and ACOEM advisory group to the AMA Guides to Permanent Impairment Rating 6 th Edition regarding the use of functional Patient Reported Outcome Measures
2017-2018	Chair, AMA Preventive Medicine Section Council, AMA House of Delegates
2016-2018	Member representing ACOEM – American Association of Safety Professionals – Committee to Create Standards for Worker Health

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2017 - present	ACOEM Evidenced-based Practice Guidelines Committee, Denver, Colorado
2008	ACP/ASP Low Back Guideline Committee Member entitled Clinical Efficacy Assessment Subcommittee of the American College of Physicians
2008	Member, AMA House of Delegates Reference Committee on Medical Practice
2007-2008	Chair, AMA Preventive Medicine Section of the AMA House of Delegates
2007	Co-Chair, Medical Institute Session, International Association of Industrial Accident Boards and Commissions, IAIABC, Phoenix, 2007
2007-2019	AMA Delegate or Alternate representing American College of Occupational and Environmental Medicine (ACOEM)
2007-2009	Member, American Pain Society Low Back Pain Interventional and Surgical Therapies Panel, specialty area and affiliation
2007-2008	Member, ACOEM low back practice guidelines committee Associate Chair, ACOEM chronic pain practice guidelines committee
2007-2008	One of four physicians compiling the erratum to AMA Guides to the Evaluation of Permanent Impairment, 6 th Edition
2006-2007	Chair, ACOEM President's committee on Workers Compensation
2000-2001	Member, Educational Planning Committee for the annual ACOEM State-of-the-Art Conference
1999- 2019	Member, IAIABC International Association of Injuries and Accidents Boards and Commissions- Medical Committee Co-Chair and organizer of the two day Medical Institute 2006 – 2008
1988-Present	Member, American College of Occupational and Environmental Medicine
2020-Present	Member, Council on External Affairs
2017-2019	Member, ACOEM Committee Return to Work
2017-2019	Member, ACOEM President's Committee on Occupational Medicine Visibility
2006-2012	Member, ACOEM Guidelines Oversight Committee
2003-2007	Member, Bylaws Revision Committee

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2002-2007	Member, Steering Committee for Revision of ACOEM Guidelines
2001-2002	Chair, Audit Committee
2000-2016	Member, ACOEM Governmental affairs Board Committee
1992-2003	Member, Committee on State Legislative Affairs
1998-2003	Chair
1996-2010	Member, Committee on Worker's Compensation
1996-1997	Associate Chair
1996-Present	Member, Committee on Occupational Practice Guidelines
1998-2004	Associate Chair
1998-Present	Member, Council on Governmental Affairs
2001-2003	Associate Chair
2003-2004	Chair
1995- 2019	Member, International Association of Injury and Accident Boards and Commissions - Committee on Occupational Health and Disability Management

Committees – State

2020-Present	Chair, Colorado Medical Society - Workers' Compensation and Personal Injury Committee
2017-2018	Member, Colorado Medical Society, Committee on Prescription Drug Abuse
2009-2015	Member, Colorado Medical Society's Physicians' Health Care Reform Congress - Systems of Care Committee
2008	Delegate, Colorado Medical Society for the Rocky Mountain Academy, fall meeting
1999	Delegate to National ACOEM House of Delegates
1992-Present	Member, Colorado Medical Society – Workers' Compensation and Personal Injury Committee
1992-1994	Chairman, State Governmental Affairs Committee
1998-2012	Member, Task Force on Traumatic Brain Injury, Colorado Division of Workers' Compensation
1997-2011	Member, Task Force on Chronic Pain, Colorado Division of Workers' Compensation
1995-2011	Member, Task Force Complex Regional Pain Syndrome/Reflex Sympathetic Dystrophy, Colorado Division of Workers' Compensation

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1993-2010	Member, Upper Extremity Task Force on Carpal Tunnel, Cumulative Trauma Disorder, and Thoracic Outlet Syndrome, Colorado Division of Workers' Compensation
1992-Present	Member, Colorado Medical Society – Workers' Compensation and Personal Injury Committee
1992-2009	Member, Task force on Lumbar and Cervical Spine and Lower Extremity
1991-Present	Ex - officio Member, Colorado Division of Workers' Compensation Medical Care Advisory Committee
1991-Present	Member, Colorado Medical Society, Workers' Compensation Personal Injury and Workers' Compensation Committee
1988-Present	Rocky Mountain Academy of Occupational and Environmental Medicine - member - for board and officer positions, see previous section
1987-1992	Member, Emergency Medical Care Physician Advisors Committee

Committees – Hospital/School of Medicine

2011-2013	Member, Department of Emergency Medicine Promotions Committee
2007-2010	Member, Advisory Board, NIOSH ERC
2001-2007	Member, Preventive Medicine Residency Advisory Committee
1992-Present	Member, Occupational Medicine Residency Advisory Committee
2001-2007	Member, MSPH Policy Committee
2001-2007	Member, MSPH Curriculum Committee
1999-2001	Alternate Representative for UCHSC faculty on the University Benefits Advisory Board
1992-1995	Member, University Practice Directors' Committee
1991-1992	Member, Task Force for a Drug-Free Workplace
1989-1996	Chair, Student Health Advisory Committee

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1989-1992	Member, University of Colorado Hospital Infectious Disease Committee
1989-1992	Member, UCHSC and University Hospital Safety Committee
1989-1992	Liaison, Quality Assurance Subcommittee
1988-1989	Chair, Disaster Committee, University of Colorado Hospital
1988-1999	Member, UCHSC Student Administrative Services Advisory Appeals Committee

BY INVITATION-ONLY COMMITTEES OR ORGANIZATION MEMBERSHIP

National Organizations

2020-present Chronic Pain	Associate Chair – American Psychological Association’s guidelines for
2016	American Association of Orthopedic Surgeons, Carpal Tunnel Treatment Guidelines – Appropriate Use Criteria Voting Panel
2015	NASF - Research Committee for Spine 10 x 25

Federal Government

2000-2003	Workers' Advocacy Advisory Committee for the Department of Energy - Occ Med Representative
1998	Invited participant at the NIOSH National Occupational Research Agenda (NORA) symposium for research initiatives in worker’s Compensation.

Research

2009-2010	Medical Disability Advisor – Medical consultant and project manager for evidence-based update
2005-Present	Workers Compensation Research Institute – consultant for ongoing medical treatment research

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2002-2005 National Advisory Board for the Workers' Compensation Research Institute

1999-Present Workers' Compensation Research Group

Specialty

2001-Present Ramazinni Society - limited to 32 practicing occupational medicine Physicians

COURSE DIRECTOR

University Sponsored Colorado Division of Workers' Compensation Programs and Courses

Direct all of the statutorily required Level I and Level II Physician Accreditation courses each year for Colorado Division of Worker's Compensation – 1992-2018

Level I Physician Accreditation Program

This program begins with a one-day course that Dr. Mueller completely rewrote in 2000 and 2012. The new course includes information on disability management and a workshop on low back and chronic pain treatment. Its audience is physicians and chiropractors who do not perform impairment ratings, although it is also regularly attended by other health care providers who cannot take the certifying exam required by the state. To remain certified physicians and chiropractors must recertify every three years. The process is completed by home study or seminars and includes evidence-based medicine study evaluations and treatment guidelines based case studies. Created new one-day re-accreditation course with topics covering patient motivational techniques, newest evidence-based literature for treatment of cumulative trauma, adequate report writing and impairment ratings in 2009 for the 2010-2012 years. Courses will be given 2-3 times for the following three years. Direct all of the statutorily required courses each year for the Colorado Division of Workers' Compensation. The above courses were also developed in a home study method.

Level II Physician Accreditation Program

Physicians become accredited to perform impairment ratings, according to the requirements of Colorado statute, and use the medical treatment guidelines in this two-day seminar incorporating case workshops. Every three years they must complete a website course or two-day seminar, which in the 2004 year incorporated interpretation of medical literature,

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ergonomic worksite evaluation and causality assessments as well as case workshops on chronic narcotic management and impairment. The 2007 – 2009 version include sections on cultural diversity, and evidence based methods to ascertain causality and improve communication with patients. A two-day re-accreditation course was created for 2010 – 2012. The 2010-2012 topics cover patient motivational techniques, newest evidence-based literature for treatment of cumulative trauma and impairment rating tips. The reaccreditation through 2018 focused on the neurologic changes associated with chronic pain and alternative treatment for chronic pain including the bio psychological model. Courses will be given 2-3 times each year for the following three years. The above Level II accreditation course was also developed in a home study method and the Level II Re-accreditation courses were also developed in a website version.

Medical Treatment Guidelines Seminars – Colorado Division of Workers’ Compensation – CME

These one-day seminars introduce new guidelines or revisions to current evidence-based and consensus guidelines and use case workshops for instruction.

Colorado Division of Workers’ Compensation CME Courses

Program Type	No. of Accredited Physicians (2014)	No. of Courses/Year
Level I Physicians Accreditation	260	1-3
Level II Physicians Accreditation	633	1-4
Medical Treatment Guideline Seminars	N/A; approximately 200 participants per year	1-2

Colorado Division of Workers’ Compensation Courses per year and Program

Year	Level I Physician Accreditation Program	Level II Physician Accreditation Program	Medical Treatment Guideline Seminars	Total
1992		5		5
1993		2	3	5
1994	Home study used for Reaccreditation	1		1
1995		7	3	10
1996		5		5
1997		4		4
1998		4	5	9
1999		4		4
2000	3	3		6
2001	2	4		6
2002	2	4	2	8

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2003	1	4	2	7
2004	1	4	1	6
2005	1	3	2	5
2006	1	2		3
2007	3	4	2	9
2008	3	3		6
2009	2	3		5
2010	3	4		7
2011	2	3	1	6
2012	2	3	2	7
2013	3	4		7
2014	2	4		6
2015	3	3	2	8
2016	2	1	2	5
2017	3	1	2	6
2018	1	0	2	3

MEDICAL SCHOOL TEACHING (UNIVERSITY OF COLORADO)

Activity	# of Students/Residents	Description of Activity
MSPH Thesis Committee Member or Chair	5	Worked directly with students using Colorado workers' compensation research data or other data
Topics in Occupational & Environmental Medicine Four quarters each year	2-7 per quarter	Course Director for all 4 quarters 2002-2007. Lecturer and Associate Director 3 quarters 2001-2002 Lecturer 2007-present.
Occupational and Environmental Health Course, #6614	35	Lectures on worker's compensation and disability assessment 1995-present
Occupational Medicine Residency Director 2002-2007 Associate Director 2001-2002	2-3 residents/year	Added new Practicum position Secured NIOSH training grant
Practice Site Director for Occupational Medicine Residents at University Occupational Medicine Clinic	1-2/year	Clinical oversight 1992-2001
Practice Site Director for Occupational Medicine	1-2/year	Clinical oversight 2001-present

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Residents at Division of Workers Compensation and Clinical at Denver Public Schools		
Didactic Lectures for Family Practice, Emergency Medicine, physiatry and Internal Medicine Residents	Variable (1-2 per year)	Occupational medicine and disability lectures

The National Workshops for American Board of Independent Medical Examiners

2018 - One to two locations for 2 workshops per year. Usually Charlotte and Las Vegas.
– Taught Causation and Return to Work, along with Disability and Pearls.

August 9, 2013, American Board of Medical Examiners, Chicago, Illinois.

February 17–20, 2011 - American Board of Medical Examiners, Tampa, Florida (Feb. 18-19) workshops and lecture on Evidence Based Clinical Practice Guidelines and Causation: What Does the Science Say?

August 11-14, 2011 – American Board of Medical Examiners, Chicago, Illinois. Workshops and Lectures on Evidence Based Clinical Practice Guidelines and Causation: What Does the Science Say?

October 6–9, 2011 – American Board of Medical Examiners, Charlotte, North Carolina, Workshops and Lectures on Evidence Based Clinical Practice Guidelines and Causation: What Does the Science Say?

2007 – Present – National Core Faculty – Two workshops, four times a year, on Causation: Evidence-based and Evidence-based Guidelines. The workshops include instructions on how to critique articles for evidence and assess cases for causation. - Lectures on impairment ratings four times a year based on the AMA Guides 6th edition.

PUBLICATIONS

Peer Review Journals

Hegmann KT, Travis R, Andersson GBJ, Belcourt RM, Carragee EJ, Eskay-Auerbach M, Galper J, Goertz M, Haldeman S, Hooper PD, Lessenger JE, Mayer T, **Mueller KL**, Murphy DR, Tellin WG, These MS, Weiss MS, Harris JS. Invasive Treatments for Low Back Disorders. J Occup Environ Med. 2021 Apr 1;63(4):e215-e241. doi: 10.1097/JOM.0000000000001983. PMID: 33769405.

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Taylor TK, **Mueller KL**, Blink RC, McKinney DW, Silverman W, Das R; ACOEM Work Group on Workers' Compensation. Workers' Compensation Elements in Different Jurisdictions in the United States. *J Occup Environ Med.* 2020 Dec;62(12):e760-e769. doi: 10.1097/JOM.0000000000002047. PMID: 33264192

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Hegmann K, Russell T, Belcourt R, Donelson R, Eskay-Auerbach M, Galper J, Halderman S, Hooper P, Lessenger J, Mayer, **Mueller K**, Murphy D, Tellin W, Thiese M, and Weiss M; Non-invasive and Minimally Invasive Management of Low Back Disorders: ACOEM Guidelines. JOEM, Volume 61, Number 4, April, 2019.

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Marianne Cloeren, MD, Phillip Adamo, MD, Robert Blink, MD, John Burress, MD, Lisa Galloway, MD, Lee Glass, MD, Doug Martin, MD, **Mueller K**, Paul Papanek, MD, and Bernyce Peplowski, MD, ACOEM Task Force on Coding Quality Care in Workers' Compensation: American Academy of Orthopaedic Surgeons: "Appropriate Use Criteria for Management of Carpal Tunnel Syndrome." JOEM, Volume 58, Number 12, December 2016.

Phillips JA, Holland MG, Baldwin DD, Meuleveld LG, **Mueller K**, Perkison B, Upfal M, "Marijuana in the workplace: guidance for occupational health professionals and employers: Joint Guidance Statement of the American Association of Occupational Health Nurses and American College of Occupational and Environmental Medicine". J Occup Environ Med. 2015 Apr;57(4): 459-75.

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Allan H, Grundy P, Larson PW, Loeppke RR, McKenzie J, McLellan RK, **Mueller K**, Sherman B, and Yarborough CM, “Organizing health care delivery by integrating workplaces, homes, and communities: how occupational and environmental medicine can serve as a vital connecting link between accountable care organizations and the patient-centered medical home”. *Journal of Occupational Environmental Medicine*, 2012, Apr; 54(4): 504-12.

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Peterson K, Babitsky S, Beller T, Brigham C, Lea R, Reed P, **Mueller K**, Talmage J, Hoops D, Coyne K, Knapp D, Whitfield R. The American Board of Independent Medical Examiners. *Journal of Occupational and Environmental Medicine* 1997, 39:509-514.

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Letter to the Editor

Travis R, Andersson GBJ, Belcourt RM, Carragee EJ, Eskay-Auerbach M, Goertz M, Haldeman S, Hegmann KT, Lessenger JE, Mayer T, **Mueller KL**, Murphy DR, Tellin WG, Thiese MS, Weiss MS, Harris JS. Reply to Sayeed et al. *J Occup Environ Med*. 2022 Feb 1;64(2):e84-e86. doi: 10.1097/JOM.0000000000002453. PMID: 34873136

Carragee EJ, Andersson GBJ, Belcourt RM, Eskay-Auerbach M, Goertz M, Haldeman S, Hegmann KT, Lessenger JE, Mayer T, **Mueller KL**, Murphy DR, Tellin WG, Thiese MS, Travis R, Weiss MS, Harris JS. Reply to Sayeed et al's Reply to Reply. *J Occup Environ Med*. 2022 Jun 1;64(6):e391-e392. doi: 10.1097/JOM.0000000000002548. PMID: 35761429.

Phillips JA, Holland MG, Baldwin DD, Meuleveld LG, **Mueller K**, Perkison B, Upfal M, Dreger M, "Reply to Goldsmith-Medical Marijuana in the Workforce". *J Occup Environ Med*. 2015 Nov; 57(11): e140.

Mueller K, Letter to the Editor, *JOEM*, Vol 52 #11, November 2010, response to "A Field Guide to Workers' Compensation: A Holistic Approach to Improving the Health, Safety and Productivity of Human Capital".

Enclosure D

Mitchell C, **Mueller K**, et al. Letter to the Editor, American Journal of Preventive Medicine, Vol 23, #4, November 2002, response to “The Rise and Fall of Occupational Medicine in the United States”.

Mueller K. Letter to the Editor, The Guides Newsletter, published by the American Medical Association, May/June 1999, p. 4.

ABSTRACTS PRESENTED AT SCIENTIFIC MEETINGS

“Longer-Term Use of Opioids” Workers Compensation Research Institute, October 2012

Poster Session: “Creation of a Clinician Friendly Evidence – informed Tool for Determining Causation in Cumulative Trauma Cases”. Canadian Institute for the Relief of Pain and Disability 2011 Conference – Musculoskeletal Disorders and Chronic Pain: Evidence-based approaches for clinical care, disability prevention and claims management. Los Angeles, California, February 10-12, 2011.

“Does Compliance with Colorado Division of Worker’s Compensation Medical Guidelines Increase Return to Work?” to the 4th International Congress on the Medical-Legal Aspects of Work Injuries, Toronto, Ontario, Canada, June, 1999.

Colorado Division of Worker’s Compensation, “Pre and Post Low Back Pain Guideline Study”, 8th Annual Colorado Spine Symposium, November 21, 1997.

Colorado Division of Worker’s Compensation, “Low Back Pain Treatment Guidelines Outcomes”, Colorado Medical Society Leadership Conference, June 1, 1997.

“Use of the Medicare Fee Schedule and State Worker’s Compensation”, Worker’s Compensation Research Institute, Cambridge, Massachusetts, February 13, 1996.

“Defibrillation by EMT – Intermediates: The Illinois Project, Society of Academic Emergency Medicine, May 1989.

GRANTS RECEIVED

NIOSH Training Grant for Occupational Medicine Residencies –Principal Investigator, University of Colorado Health Sciences Department of Preventive Medicine for years 2005 - 2010 \$450,000 This grant ended in 2008 as it was combined with a new NIOSH grant for the Mountain and Plains Environmental Research Center

NIOSH Training Grant for Occupational Medicine Residencies –Principal Investigator, University of Colorado Health Sciences Department of Preventive Medicine for years 2002 - 2005 \$215,000

Enclosure D

Robert Wood Johnson Workers Compensation Initiative – Identifying Effective Elements of Managed Care: Relating Three Managed Care Settings, Their Use of ACOEM Treatment Guidelines, and Workers' Compensation Outcomes, Grant ID #034365, May 1998-2001 \$212,000

Robert Wood Johnson Grant for Disseminating ACOEM Guidelines – consultant, 1999 \$8,000

NIOSH Grant to Institute CDC TB Recommendations in Medical Centers. Site Director at University Hospital. 1993 through 1998; salary support \$37,744.

Denver International Airport Study of Workers' Compensation. NIOSH Grant from 1993-1996; consultant \$54,356.

COURSE DIRECTOR – National Conference Courses

ACOEM Practice Guidelines one day seminar, Co-Director, Albuquerque, New Mexico. ACOEM Conference, November 6, 2008

“The Evolution of ACOEM Guidelines – Improved Methodology and the Latest Evidence-based Management of Lower Back, Elbow and Chronic Pain”, one day seminar, American Occupational Health Conference - April 2008, New York

“Causation: What does the science say?” – 4 hour workshop American Board of Independent Medical Examiners – May 2006, Orlando- September 2006, Washington DC, - February 2007, Orlando – June 2007, Chicago – August 2007, Las Vegas – September 2007 Charlotte, NC – February 2008, Tampa, Fla.

“Using Evidence-Based Guidelines in Disability Management,” conference provided for Pacific Division of U.S. Postal Workers medical division; Co-Director, San Francisco, CA, August 23-24, 2004.

“Applying Research to Clinical Practice Assessment and Intervention”, annual State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Seattle, WA, October 28, 2001.

“How You Can Influence State Governments”, Annual American Occupational Health Conference, San Francisco, CA, April 23, 2001.

“Survival for Occupational and Environmental Medicine Physicians, Part I: Understanding the New Trends in Worker's Compensation”, Course Co-Director, 1996 American Occupational Health Conference, San Antonio, TX, April 30, 1996.

Enclosure D

COURSE DIRECTOR – Regional Conferences

Program Director for “Clinical Challenges in Occupational and Environmental Medicine”, 31st Annual Conference on Occupational Medicine, presented by the Rocky Mountain Academy of Occupational and Environmental Medicine and the Denver Association of Occupational Health Nurses, January 1996.

COURSE DIRECTOR – Impairment Rating for Non-physicians

This one-day seminar was developed by Dr. Mueller to educate non-physician health care providers, case managers, attorneys and adjustors on the Colorado impairment rating system. The following are the number of courses provided each year. The number of courses depends on the demand from the public. Seven courses between 1996 and 2005, serving approximately 600 total participants.

LECTURES/PRESENTATIONS

International Conferences

Keynote Speaker: Meredith Lecture for the Annual Alberta Workers Compensation Conference “Health Functional Workers – How to Get There” September 22, 2021

Presenter: “Newest Covid-19 Causation and Long Term Impairment” 106th Virtual meeting International Association of Injury and Accident Boards and Commissions – September 2020

Presentation: “How Patient Reported Functional Outcomes Can Change Medical Treatment”- Current Issues Roundtable. ‘Take a look at some of the current issues impacting workers’ compensation systems and share insights, challenges, and successes.’ IAIABC Regulators’ Summit, San Diego, California held March 31-April 1, 2019.

Panel Member: “Symposium 1 Skills Required to Pursue Occupational Health” – why develop and how to use? Occupational and Environmental Competencies (ACOEM) held at Pan-American Occupational and Environmental Health Conference on September 28, 2018.

Guest Speaker: Colorado Evidence Based Guidelines “What we have learned and how to identify meaningful endeavor” - 2018 Brain Injury Summit at Vail Colorado held January 7-10, 2018.

Presentation: “Traumatic Brain Injury”. IAIABC 103rd Annual Convention/NAWCJ Joint Judicial Program, at Hilton Portland Downtown, Portland, Oregon, held October 2-5, 2017.

Panel Moderator: “Moving Towards Value Based Medicine”. IAIABC 102nd Annual Convention Program, at Westin Portland Harborview, Portland, Maine held September 26-29, 2016.

Enclosure D

Expert panel session: “Occupational Medicine in a Changing World”. Society of Occupational Annual Scientific Meeting, Belfast, Ireland. June 14, 2011.

Presentation: Colorado Medical Treatment Guidelines. Safety, Rehabilitation and Compensation Commission (SRCC), Compensable Injury Health Outcomes Seminar, Brisbane Convention & Exhibition Centre, Melbourne, Australia. September 22, 2011

Keynote lecturer: Using Guidelines to Improve Care. Safety, Rehabilitation and Compensation Commission (SRCC), Compensable Injury Health Outcomes Seminar and Return to Work Workshop, Sydney, Australia, Sydney Convention Center. September 16, 2011.

Award Presenter: Safety, Rehabilitation and Compensation Commission (SRCC), Melbourne, Australia. September 13, 2011.

Presenter: “Evidence-Based Medicine”. Safety, Rehabilitation and Compensation Commission (SRCC), Post Graduate Residential Personal Injury Education Foundation, September 13, 2011.

Presentation: 2011 Seminar Series “Using Guidelines to Improve Care”. Safety, Rehabilitation and Compensation Commission (SRCC), Compensable Injury Health Outcomes Seminar, Deakin University Conference Centre, Melbourne, Australia. September 9, 2011.

Presentation: “Processes for Changing Practice”. Work Cover SA, Adelaide, Australia. Free Breakfast Seminar for general practitioners: Improving Health Outcomes for Patients with Workplace Injuries. September 2, 2011.

Panel Moderator: “Getting to Evidence-based Care, Policy, Regulation and Legal Considerations”. Canadian Institute for the Relief of Pain and Disability 2011 Conference – Musculoskeletal Disorders and Chronic Pain: Evidence-based approaches for clinical care, disability prevention and claims management. Los Angeles, California, February 12, 2011.

Presentation: “Medical Care in the Next Decade, Changing the Structure of Health Care”. Presentation at the Canadian Institute for the Relief of Pain and Disability 2011 Conference – Musculoskeletal Disorders and Chronic Pain: Evidence-based approaches for clinical care, disability prevention and claims management. Los Angeles, California, February 12, 2011.

Presentation: “Achieving the Goal”. Presentation at the Canadian Institute for the Relief of Pain and Disability 2011 Conference – Musculoskeletal Disorders and Chronic Pain: Evidence-based approaches for clinical care, disability prevention and claims management. Los Angeles, California, February 12, 2011.

Panel Moderator: “Controlling Disability US and International Regulations”. IAIABC 96th Annual Convention and 5th International Forum on Disability Management, Los Angeles, California September 20-23, 2010.

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Panel Member: “Enacting Medical Guidelines”. IAIABC 96th Annual Convention and 5th International Forum on Disability Management. Los Angeles, California, September 20-23, 2010.

Presentation: “U.S. Occupational Guidelines”. Society of Occupational Medicine Annual Meeting, United Kingdom Professional Organization. Cardiff, Wales. June 23, 2010.

Presentation: “Colorado Evidence Based Guidelines”. International Association of Accident Boards and Commissions annual meeting. 2-hour lecture. IAIABC 96th Annual Conference, Minneapolis. September 22, 2009.

Presentation: “Evidence-Based Guidelines for Low Back Pain”. North American Spine Society, Puerto Rico, April 23, 2009.

Presentation: “Causality Analysis: The Complex Questions”, International Association of Industrial Accident Boards and Commissions (IAIABC) 4th Annual Medical Institute, Vancouver, October 30, 2008.

Presentation: “Evidence Based Medicine for Causality and Treatment.” International Association of Industrial Accident Boards and Commissions (IAIABC) 3rd Annual Medical Institute, Phoenix, AZ, September 21, 2007.

Presentation: “Connecting the Dots – Establishing Valid Diagnoses, Confirming Exposures, and Determining Causality.” International Association of Industrial Accident Boards and Commissions (IAIABC) 3rd Annual Medical Institute, Phoenix, AZ, September 20, 2007.

Presentation: “Evidence-based Guidelines – What are they and how can you use them?” International Association of International Boards and Commissions (IAIABC) Annual conference, Philadelphia, PA, September 10, 2005.

Presentation: “Best Research Product Award” presentation, Colorado Division of Workers’ Compensation Research on Comparison of Cost Changes using the 3rd, 4th and 5th editions of the AMA Guides to the Evaluation of Permanent Impairment, 90th Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), New York, NY, August 8, 2004.

Presentation: “Interpreting Medical Records and Medical Causality, 87th Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), Portland, ME, October 6, 2001.

Panel: “How Should Jurisdictions Respond to Ergonomic Hazards?” All Committee Conference, International Association of Industrial Accident Boards and Commission (IAIABC), St. Louis, MO, March 30, 2001.

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Presentation: “Physician’s Role in Workers’ Compensation”, panel discussion, All Committee Conference, International Association of Industrial Accident Boards and Commission (IAIABC), St. Louis, MO, March 30, 2001.

Presentation: “Medical Fraud – Fact or Fiction”, All Committee Conference, International Association of Industrial Accident Boards and Commission (IAIABC), St. Louis, MO, March 30, 2001.

Presentation: “Medical Causality”, 86th Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), Seattle, WA, September 17, 2000.

Abstract Presentation: “Does Compliance with Colorado Division of Workers’ Compensation Medical Guidelines Increase Return to Work?” 4th International Congress on Medical-Legal Aspects of Work Injuries, Toronto, Ontario, Canada, June 7, 1999.

Panel: “Confidentiality of Medical Information”, 84th Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), St. Louis MO, September 28, 1998.

Presentation: “Physician compliance and patient outcomes after institution of the Colorado knee and Carpal Tunnel Treatment Guidelines.” 84th Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), St. Louis, September 27, 1998.

Presentation: “To Believe or Not Believe: Carpal Tunnel and Cumulative Trauma: Are they work-related?” International Disability Medicine Symposium, American Academy of Disability Evaluating Physicians, Vancouver, Canada, August 6, 1998.

Presentation: “Practical Applications of the AMA Guides”, and “Is This the Beginning of Cookbook Medicine – Treatment Parameters.” 1997 Annual Convention, International Association of Industrial Accident Boards and Commission (IAIABC), Newport, Rhode Island, October 23, 1997.

Visiting Professor Lecture

“Working Environment and Musculoskeletal Disorders: Application of Practice Guidelines,” Visiting Faculty lecture, University of Texas at Tyler, Tyler, TX, June 25, 2004.

National Conferences

Presenter – American Occupational Health Conference, Session 321 – ‘OEM is not Occupational Therapy: How to Champion OEM and Advocate for your Work’, May 3, 2022 Salt Lake City

Enclosure D

Moderator – Covid-19 New Developments, ACOEM Virtual Symposium, November 2021

Presenter – “Workers Compensation and Covid 19” and moderator – Working safely in the Covid-19 Era, ACOEM Virtual Symposium, September 12, 2020

Panel Member on Effects of Covid 19 – 37th Annual Workers Compensation Research Institute Conference, March 2020

National Lecture: “Patient Report Functional Outcome Use in Medical Treatment” – Advancing Workers’ Compensation Research to Prevent Worker Opioid Misuse,” NIOSH Meeting held on July 10, 2019.

Panel Discussion: “Obtaining Meaningful Mental Health Evaluations and Treatment for Patients Who Need Them” – American Occupational Health Conference at Broomfield, Colorado held on April 30, 2019.

Keynote Address: “Win/Win Delivering Effective and Efficient Care to Injured Workers” – Colorado Workers’ Compensation Institute Annual Meeting held on March 21, 2019.

Guest Speaker: “New Chronic Pain Guidelines” - 2017 Annual Workers’ Compensation Fall Update at Denver, Colorado held on October 20, 2017.

Forum: “NAMCP’s 2016 Fall Managed Care”, November 10-11, 2016, Las Vegas, Nevada. Presentation: “Impairment without Disability”, by Essentia Health, Health Partners, The North American Spine Society and Mayo Clinic, held at St. Paul Intercontinental October 6-7, 2016.

Guest Speaker: “Marijuana Update – The Colorado Experience” and “When Degenerative Musculoskeletal Conditions may Not Warrant Surgery – How to Talk to Patients”. Michigan Occupational Health Conference (MOHC) 2016, Sept. 23-24, 2016.

Panel Discussion: “Identifying and Reducing Disputes in Workers’ Compensation”, CWCI’s 52nd Annual Meeting, Marriott City Center Oakland, March 17, 2016.

Guest Speaker: “Evidence based Guidelines How they provide expert scientific opinions Highlights from Low Back Pain, Shoulder & TOS, Colorado Bar Association, Denver, March 18, 2016.

Guest Speaker: “Medical Treatment Guidelines Lower Extremity Injuries”, Rocky Mountain Academy 2016 Annual Conference, Denver, March 4, 2016.

Workshop: Presentation: The Latest Evidence-Based Treatment in Low Back, Shoulder and Knee, AOHP 2015 National Conference, Sept. 9-12, San Francisco, California.

Webinar: Prescription Drug Abuse Prevention, NIOSH-CWCS, July 23, 2014.

Enclosure D

Panelist: Session 313: ACOEM Guideline: Update on Opioids for Chronic Non-cancer Pain with Live Online Access to the ACOEM Guidelines, AOHC, April 2014

Speaker: ACOEM Update: Emerging Opportunities, Annual TxCOEM Meeting and Symposium, Fort Worth, Texas, May 3, 2014

Presenter: Session 215: Update on Evaluation of TBI/Concussion, AOHC, April 28, 2014

Presenter: ACOEM presentation, 90th Annual Spring Seminar: Transcending the Horizons, Central States Occupational and Environmental Medicine Association, March 14, 2014

Presenter: Opioids – The US Crisis and the Clinical Solutions, 90th Annual Spring Seminar: Transcending the Horizons, Central States Occupational and Environmental Medicine Association, March 14, 2014

ACOEM presentations in Kansas City, Virginia and Ohio, 2014

NASS 27th Annual meeting, Dallas, Texas, October 23-26, 2013

Opioid Panel, ACOEM, October 12, 2013

IAIABC Webinar, Part II, July 19, 2013

IAIABC Webinar, Part I, July 17, 2013

Medical Treatment Guideline Webinar, SAWAA, Hot Spring, Virginia, July 10 – 13, 2013

Presentation: Prevention of Abuse and Diversion of Prescription Drugs, The Colorado Prescription Drug Abuse Task Force, Member of the National Governors Association Center for Best Practices, February 12-13, 2013

Webinar presentation: “Changing Practice Guidelines and Certification” IAIABC Treatment Guideline Webinar, July 17, 2012

Presentation: “Changing Opioid Practice, Opioid Summit, Sarasota, Florida, May 14-14, 2012

Panel member: “Changing Opioid Practice”, Human Resources Panel: A Paradigm Shift of Payer Strategy, 2012 National Prescription Drug Abuse Summit, Orlando, Florida, April 10-12, 2012

Presentation: Chronic Opioid Management. Annual Worker’s Compensation Research Institute Issues and Research Conference, Colorado. November 16, 2011

Enclosure D

Panel Presenter: Colorado Opioid Guidelines. International Association of International Accident Boards (IAIABCC) Webinar – A Holistic Approach to Controlling Prescription Abuse in Workers’ Compensation. November 2, 2011

Keynote Speaker: The Evidence is In: Occupational Health is the New National Delivery Model. National Association of Occupational Health Professionals Annual Conference, Atlanta, Georgia. October 17, 2011

Presentation: to Medical Committee and Combined Committees: Processes for Changing Guidelines and Certification. Georgia State Board of Workers’ Compensation Conference, Charlotte, North Carolina. August 29, 2011

Presentation: Evidence Based Occupational Medicine: What Does and Does not Work. SEAK, Inc. National Workers’ Compensation and Occupational Medicine Conference, Cape Code, Massachusetts. July 20, 2011

Presentation: A workshop on Changing Your Working Language: Legislative Advocacy for Occupational Physicians. American College of Occupational and Environmental Medicine (March 26-29, 2011). March 29, 2011

“Using the Colorado Low Back Pain”. Spine Education and Research Institute – Fall Spine Symposium, October 27, 2010.

“Cumulative Trauma”. C-RING Speaking Engagement – Colorado Nurse Case Manager, October 14, 2010.

One-half day Workshop: “What happens in the smoke-filled rooms – practical lessons in the management of workers compensation reform”. American College of Occupational and Environmental Medicine, ACOEM, annual conference. American Occupational Health Conference, AOHC, May 4, 2010.

“The Economic Crisis – Local effects on workers compensation systems”. Workers Compensation Research Institute (WCRI) Annual Meeting, January 14, 2010.

Webinar – “ACOEM Guidelines – How and When to use Chronic Opioids”. CME Presentation, ACOEM. September 17, 2009.

“Colorado Guidelines – The Newest Information on Shoulder and Lower Extremity”. Workers Compensation and Disability, National Association of Medical Advancement. August 20, 2009.

Breakfast Meeting: “How to effect legislation”. American College of Occupational and Environmental Medicine, ACOEM, annual conference. American Occupational Health Conference, AOHC, April 28, 2009.

Enclosure D

“Chronic Opioid Use Non-Malignant Pain” and “Pay for Performance in Workers’ Compensation”, Panel Presenter and participant, American Insurance Association, Workers’ Compensation Medical Committee meeting, February 2, 2009

“Processes for Changing Practice: Guidelines and Certification”, State of Montana Workers’ Compensation Conference, Helena, Montana, January 12, 2009.

“Medical Care in the Next Decade: What the Last Ten Years have Taught Us”, 25th Annual Issues and Research Conference Workers’ Compensation Research Institute, November 12, 2008

“Applying ACOEM Guideline Principles”, “Use of the Elbow Guidelines”, and “ACOEM Guideline Case Workshop”, ACOEM Fall Course Cluster, November 6, 2008, Albuquerque, New Mexico

“Applying ACOEM Guideline Principles”, “Use of the Elbow Guidelines”, and “ACOEM Guideline Case Workshop”, annual American Occupational Health Conference, New York, April 14, 2008.

ACOEM Chronic Pain Guidelines: Evidence-based Recommendations You’ll Want to Know Webinar – April 29, 2008.

“Applying the ACOEM Guidelines” Annual Workers Compensation Educational Conference, October 22, 2007 Memphis, Tennessee

“Out of Obscurity and Into Tomorrow: The Past, Present and Future of ACOEM Guidelines,” Short presentation and panel discussion, American Occupational Health conference, May 2, 2005.

“The 5th Edition of the AMA Guides to Permanent Impairment – Problems and Solutions,” Annual Conference of Association of American Psychiatrists, Tucson, AZ, February 25, 2005.

“Using Evidence-based Practice Guidelines and Physician Certification in Workers’ Compensation – Considerations for Oregon,” Salem, OR, July 9, 2004.

“Update on ACOEM Clinical Practice Guidelines,” Kaiser Permanente Primary Care Conference, Maui, HI, April 5, 2004.

“Using ACOEM Guidelines in Practice,” American College of Occupational and Environmental Medicine (ACOEM), San Francisco, CA, January 27, 2004.

“Using ACOEM Guidelines in Practice,” American College of Occupational and Environmental Medicine (ACOEM), Los Angeles, CA, January 22, 2004.

“Integrated Disability Management: Implementing Effective Approaches and Evaluating Outcomes,” American Occupational Health Conference, Atlanta, GA, May 3, 2003

Enclosure D

“Integrated Disability Management: Implementing Effective Approaches and Evaluating Outcomes,” American Occupational Health Conference, Chicago, IL, GA, April 14, 2002

“Workers Compensation and Disability”, American Occupational Health Conference, April 16, 2002.

“Worker’s Compensation – What Happens after Therapy!”, American Physical Therapy Association, 2000 New Orleans Combined Sections Meeting, New Orleans, LA, February 4, 2002.

“Chronic Pain: AMA Guides to Impairment.” State-of-the-Art Conference, American College of Occupational and Environmental Medicine (ACOEM), Seattle, WA, October 29, 2001.

“Do Practice Patterns Reflect Practice Guidelines? Comparison of ACOEM and State Guidelines to Actual Practices”, State-of-the-Art Conference, American College of Occupational and Environmental Medicine (ACOEM), Seattle, WA, October 27, 2001.

“Selected Topics in Occupational Medicine”, State-of-the-Art Conference, American College of Occupational and Environmental Medicine (ACOEM), Seattle, WA, October 28, 2001.

“Comparison of Prospective Physician-Completed Case Records and Retrospective Chart Reviews to Assess Compliance with Practice Guidelines”, Workers’ Compensation Research Group, Boston, MA, March 10, 2001.

“New Outcomes Measures”, Workers’ Compensation Research Institute, Annual Issues Research Conference, Cambridge, MA, March 8, 2001.

“ACOEM Medical Practice Guidelines: Their Use in Workers’ Compensation Practice”, Care Networks, Inc., Las Vegas, NV, November 10, 2000.

“ACOEM Medical Practice Guidelines: Their Use in Workers’ Compensation Practice”, Care Networks, Inc., Reno, NV, October 6, 2000.

“ACOEM Medical Practice Guidelines: Their Use in Workers’ Compensation Practice”, video conference, University of Texas Medical Center, Tyler, TX, August 2000.

“Measuring health and other non-economic outcomes”, panel presentation, Technical Assistance Cluster Meeting, The Robert Wood Johnson Foundation, Workers’ Compensation Health Initiative, September 15, 1999.

“Measuring Health and Other Non-Economic Outcomes”, panel presentation, Robert Wood Johnson Technical Assistance Meeting, Washington, D.C., September 15, 1998.

Enclosure D

“Managed Care in Workers’ Compensation”, panel presentation, Annual Program Meeting, The Robert Wood Johnson Foundation, Workers’ Compensation Health Initiative, Charleston, SC, June 11, 1998.

“ACOEM Medical Treatment Guideline Seminar”, Workshop Leader and Presenter for “Outcome Studies of the Colorado Low Back Pain Guidelines”, presented at the American Occupational Health Conference, Orlando, FL, May 12, 1997.

“How Will Clinical Practice Guidelines Be Used in Worker’s Compensation Systems”, Seminar, 1995 State of the Art Conference, Seattle, WA, October 26, 1995.

“Evaluating Colorado Division of Worker’s Compensation Low Back Pain Treatment Guidelines”, Seminar, American Occupational Health Conference, Las Vegas, NV, May 5, 1995.

“Accreditation for Physicians Performing Impairment Rating”, Breakfast Seminar, State of the Art Conference, American College of Occupational and Environmental Medicine (ACOEM), Denver, CO, October 27, 1994.

“The Interface Between Respiratory Illness and Occupation”. 19th National Primary Care Nurse Practitioners Symposium, Keystone, CO, July 14, 1994.

“Teaching Occupational Medicine to Emergency Medicine Residents”, and “I Think It’s My Job/The Interface Between Respiratory Illness and Occupation”, American College of Emergency Physicians, annual State-of-the-Art Conference, Chicago, IL, October 1993.

“Local Workers’ Compensation Law and Impairment Rating Guides”, Overview Course, American Academy of Disability Evaluating Physicians, August 7, 1993.

“Is Your Hospital Environment Safe? What to Do for Medical Surveillance”, 12th Annual Association of Hospital Employee Health Professionals, October 1992.

**National American College of Occupational and Environmental Medicine
Impairment/Disability Evaluation Course**

Core faculty for these courses, includes creating curriculum. Course initially modeled after the first Colorado Level II Physician Accreditation Course.

- “Fundamental Course,” Baltimore, MD, October 24, 2002.
- “Fundamental Course,” Denver, CO, July 2002.
- “Fundamental Course,” San Francisco, CA, April 21, 2001.
- “Refresher Course,” San Antonio, TX, October 14-15, 1999.
- “Advanced Course,” New Orleans, LA, March 28, 1999.
- “Refresher Course,” New Orleans, LA, March 28, 1999.
- “Refresher Course,” Boston, MA, April 25, 1998.
- “Fundamental Course,” Phoenix, AZ, October 15-16, 1998.
- “Refresher Course,” Phoenix, AZ, October 16, 1998.
- “Fundamental Course,” San Francisco, CA, June 4-5, 1998.
- “Advanced Course,” Nashville, TN, October 25-26, 1997.
- “Fundamental and Advanced Courses,” Orlando, FL, May 9-12, 1997.
- “Fundamental and Advanced Courses”, Toronto, ON, Canada, October 28-31, 1996.
- “Fundamental and Advanced Courses,” San Antonio, TX, April 26-28, 1996.
- “Fundamental Course,” Seattle, WA, October 28-29, 1995.
- “Fundamental Course,” Las Vegas, NV, May 6-7, 1995.
- “Fundamental and Advanced Courses,” Maui, HI, March 25-28, 1995.
- “Fundamental Course,” Denver, CO, August 29-30, 1994.
- “Fundamental Course,” Chicago, IL, April 23, 1994.
- “Fundamental Course,” State of the Art Conference, Dallas, TX, October 31, 1993.

Press Appearances/Acknowledgements

Quoted in Press: Workers’ Compensation, Debunking the myths about Colorado’s system, Colorado Medicine, September/October 2014.

ACOEM, ACPM urge adoption of stronger national policies for preventive medicine, July 15, 2013

Drug Abuse Hikes Workers’ Comp. Risks, Risk Management, May 13, 2013

Colorado in epicenter of non-medical prescription drug abuse, Quoted in Executive Office Update of Inside CMS, March/April 2013

Fighting the Rx Epidemic: A Prescription for Workers’ Comp, Quoted in Rising, September 2012

“WCRI – Best Presentation Award” Managed Care Matters, Joseph Paduda, November 14, 2008, www.joepaduda.com

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Morning Television interview on new guidelines for low back pain care, Channel 2, October 17, 2007.

Denver Post – Professionals in the News for receiving the Colorado Professionals in Workers Compensation Awards – 2006

Regional Conference Presentations

Department of Internal Medicine Grand Rounds – Return to Work, Social Security Disability, State Medical Determination and You. May 10, 2022

Presentation for Residents – Occupational Medicine and PM&R – AMA Guides to Permanent Impairment 6th Edition: the Basics, 2022

Covid 19- Causation, Long-term Impairment and Rating in the Workers Compensation System, Colorado Bar Association Spring Conference, March 19, 2021

Occupational Medicine Residents – Medical Causation and Impairment Covid-19 Sequelae 2021

Presentation for Residents – Occupational Medicine and PM&R – “Systematic Reviews: the Good, the Bad and the Ugly” 2020

PT Student Lecture, Denver University, December 28, 2017

Lecture on CTD, Boulder, October 11, 2013

Healthy Work Place Webinar, September 12, 2013

Comprehensive Muscular Activity Profile (CMAP), August 14, 2013

Workers’ Compensation Institute panel, Orlando, Florida, August 21-11, 2013

Jo Carter’s Paradigm Corporation, Brown Palace, August 6, 2013

Congressional Summer Recess Grass Roots Training Webinar, July 31, 2013

2nd Annual Worker’s Compensation Seminar – Treatment Guidelines, July 31, 2013

Psychological Aspects of Chronic Pain, Webinar, July 25, 2013

Lunch presentation: What’s New in ACOEM? The 2013 Update. Rocky Mountain Academy of Occupational and Environmental Medicine Annual Conference, January 25, 2013

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Lunch presentation: The New 2011 Colorado Chronic Pain and Complex Regional Pain Syndrome Guidelines. Rocky Mountain Academy of Occupational and Environmental Medicine “Fundamentals and Emerging Topics in Occupational and Environmental Medicine. February 3, 2012

Course Director and presenter: Colorado Medical Treatment Guidelines Seminar. DOWC Regional Seminar Update on Medical Treatment Guidelines, Grand Junction, Colorado. September 30, 2011

Presentation: Colorado Chronic Pain Evidence-based Guidelines. Annual Ritsema & Lyons Workers’ Compensation Seminar, Denver, Colorado. August 26, 2011

“New Colorado Cumulative Trauma Conditions Treatment Guidelines including Evidence-based Causation standards”. Rocky Mountain Academy of Occupational and Environmental Medicine Annual Meeting, February 4, 2011.

“Colorado Medical Treatment Guidelines”. Montana Workers’ Compensation – Medical Treatment Guidelines, Helena, Montana, Fall, 2010.

“ACOEM Guidelines: HWF Chapter with Colorado Annotations”. Montana Workers’ Compensation – Medical Treatment Guidelines, Helena, Montana, Fall, 2010.
Course Director and presenter: “Colorado Workers Compensation Guidelines – Development and Use”. Montana Workers Compensation Educational session, February 24, 2010

“Colorado Medical Treatment Guidelines”. Montana Workers’ Compensation – Medical Treatment Guidelines, Helena, Montana, February 4-25, 2010.

Administrative Law Judges Education Day “Using the Colorado Workers Compensation Guidelines”. December 11, 2009.

Colorado Guideline Update, Rocky Mountain Academy Annual Conference – Rocky Mountain Academy of Occupational and Environmental Medicine – January 17, 2009

“Current Issues in Worker’s Compensation.” Rocky Mountain Academy of Occupational and Environmental Medicine/Pinnacle Assurance Conference, Denver, CO, January 18, 2008.

“ Update on the Newest Colorado Guidelines – low back and cervical” Best Topics in Colorado Workers compensation Conference, May 11, 2007

“Medical Causality and cumulative trauma” 2006 annual fall Workers compensation update Colorado Bar Association, Denver, CO, October 2006

Enclosure D

“Causality and treatment guidelines for the determination of reasonableness & appropriateness of care,” Medical Ops Management, Englewood, CO, March 14, 2006,

“Update on Colorado Workers’ Compensation,” Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, January 2006.

“Workers’ Compensation – What you need to know,” Workshop, UCHSC annual Family Practice Conference, June 27, 2005, Estes Park, CO, November 1, 2005, Denver, CO

“Update on Colorado Workers’ Compensation,” Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, January 2005.

“Using Evidence-based Medicine in Chiropractic Practice,” lecture and workshop at the “Understanding disability and the integration of best practices in injury management” conference, Denver, CO, January 8, 2005.

“Impairment Ratings,” Colorado Bar Association, Denver, CO, April 16, 2004.

“Update on Colorado Workers’ Compensation,” Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, January 9, 2004.

“The Right Stuff: Evidence Based Medicine,” HealthONE, Broomfield, CO October 17, 2003.

“Apportionment for ROM and Psychological Impairment,” Ritsema & Lyon, Denver, CO, August 7, 2003.

“Neurological and Mental Impairment Rating,” Colorado Bar Association, Denver, CO, April 11, 2003.

“Cumulative Trauma: Where did we go wrong and can evidence redirect us?”, Central States Occupational Medical Association, 78th Annual Spring Seminar, Chicago, IL, March 14, 2003.

“Causation and Maintenance Treatment Issues,” Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, January 25, 2003.

“Update on Treatment Guidelines and Apportionment,” Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, January 24, 2003.

“HIPAA,” RMAOEM, Denver, CO, January 23, 2003.

“New Concepts in Workers’ Compensation; Spinal Apportionment, Causality and Psych Impairment”, Health One, Denver, CO, September 26, 2002.

Enclosure D

“Interpretation of Medical Reports & Understanding Causality”, Western Association of Workers’ Compensation Boards, Annual Meeting, Denver, CO, May 13, 2002.

“New Spinal Apportionment Guidelines”, Annual Spring Workers’ Compensation Update, Colorado Bar Association CLE, Denver, CO, April 19, 2002.

“The 5th Edition of the AMA Guides to the Evaluation for Permanent Impairment – Beware of the Changes”, Central States Occupational Medical Association, 78th Annual Spring Seminar, Chicago, IL, March 9, 2002.

“Spine Impairment Ratings”, Hall & Evans, Annual Workers’ Compensation Seminar, Denver, CO, January 31, 2002.

“Workers’ Compensation & Federal Systems”, University of Colorado, Denver, CO, January 28, 2002.

“Colorado Regulatory Update”, Rocky Mountain Academy of Occupational and Environmental Medicine and the Denver Colorado Association of Occupational Health Nurses, Mastering the Occupational Health Environment Conference, Denver, CO, January 26, 2002.

“Spine Apportionment”, Workers’ Compensation Education Association, Denver, CO, January 5, 2002.

“Impairment Rating Changes”, Workers’ Compensation Update Seminar, Colorado Bar Association CLE, Denver, CO, November 8, 2001.

“Spinal Impairment Workshop”, Ritsema and Lyons, Annual Seminar, October 2001.

“Impairment Rating Update”, presented to Concentra Physicians, September 2001.

“Ergonomics, OSHA & Medical Causation”, Central States Occupational Medical Association, 77th Annual Spring Seminar, Chicago, IL, March 16, 2001.

“Colorado Regulatory Update”, presented to the Occupational Health in the Millennium conference sponsored by the Rocky Mountain Academy of Occupational and Environmental Medicine, the Colorado Association of Occupational Health Nurses and the American College of Occupational and Environmental Medicine, Denver, CO, January 2000.

Impairment Rating – Panel/case presentation Professionals in Workers’ Compensation Annual Conference, April 29, 1999.

“Pitfalls in Impairment Rating” – Workshop and “Update on Colorado Workers’ Compensation” – lecture, 34th Annual Conference Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), February 5th and 6th 1999.

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“DOWC Medical Treatment Guidelines: What are they and who needs them?” Professionals in Workers’ Compensation, Denver, CO, January 21, 1999.

“Developing Quality Improvement outcome measures using Treatment Guidelines” Managed Care Coordinators Annual Meeting, Colorado Springs, CO, October 30, 1998.

“Healthcare Quality Improvement: Jumping Into Success”, Colorado Association for Healthcare Quality, Inc., Colorado Springs, CO, October 30, 1998.

“To Believe or Not Believe – Update on Cumulative Trauma”, Educational Seminar, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), Denver, CO, September 9, 1998.

“Update on Colorado Workers’ Compensation”, 33rd Annual Conference on Occupational Medicine, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), January 17, 1998.

“Review of Medical Treatment Guidelines and Psychological and Upper Extremity Impairment”, Division of Workers’ Compensation Update and Impairment Review, Durango, CO, September 18, 1997.

“Evaluation of Spinal, Upper Extremity and Lower Extremity Using the AMA Guides to Impairment Rating”, Symposium on Evaluation of Permanent Impairment for Physical Therapists, June 1997.

“Update on New Medical Treatment Guidelines and the Colorado Psychological Impairment Rating System”, Colorado Defense Lawyers Association, Workers’ Compensation Section, May 15, 1997.

“Latest News on Colorado Impairment Rating Modifications”, presented to Concentra Physicians, May 11, 1997.

“Update on Colorado Workers’ Compensation”, 32nd Annual Conference on Occupational Medicine, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), January 1997.

“Update on Colorado Workers’ Compensation Statutes and Rules”, Occupational Health Conference, Pueblo, CO, November 1996.

“Rules and Procedures for Medical Guidelines and New and Proposed Rules in Workers’ Compensation”, Colorado Workers’ Compensation Claims Conference, October 3, 1996.

“Colorado Workers’ Compensation New Rules Update”, Quarterly Conference, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), May 15, 1996.

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“Carpal Tunnel Syndrome an Occupational Health Challenge”, Case Management Workshop, 20th Annual Primary Care Conference, University of Colorado Health Sciences Center, Breckenridge, CO, August 1995.

Keynote Address: “The Road to Standardization of Care for Industrially Injured Workers”, 1st Annual Idaho Elks Rehabilitation Hospital Occupational and Disability Management Conference, Boise, ID, June 30, 1995.

“Medical Treatment Guidelines”, Western Association of Workers’ Compensation Bureaus, June 14, 1995.

“OSHA’s Proposed Rule for Ergonomic Protection: Industry Panel”, Rocky Mountain Health and Safety Conference, April 11, 1995.

“Managed Care in Colorado Workers’ Compensation”, Managed Care Conference, Sedgewick and James Company, February 2, 1995.

“Workshop on Upper Extremity Practice Guidelines”, 30th Annual Conference on Occupational Medicine, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), January 6, 1995.

“Update on Colorado Division of Workers’ Compensation Rules”, Ritsema and Lyon Annual Seminar, October 11, 1994.

“Understanding Impairment Rating”, Rocky Mountain Chapter of Risk and Insurance Management Society, September 1994.

“Practice Guidelines in Case Management”, Health One Outpatient Rehabilitation Group, June 3, 1994.

“Infectious Disease/Protection and Prevention in EMS”, Partnership for Life, Colorado State EMS Conference, April 10, 1994. Emergency medical providers attended the workshop.

“Colorado Division of Workers’ Compensation Update”, 28th Annual Conference of Occupational Medicine, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), January 7, 1993.

“Role of Colorado Medical Guidelines for Occupational Low Back Pain,” Occupational Ergonomics: Work Evaluation and Prevention of Upper Limb and Back Disorders, sponsored by University of Michigan and National Jewish Hospital, August 11, 1992.

“Case Studies on HIV”. HIV/AIDS: Practical Tools for Occupational Health. Presented by Denver Department of Health and Hospitals, September 20, 1991.

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“Workers’ Compensation Issues and Primary Treatment of the Cervical Spine”, Primary Orthopedics Conference, University of Colorado Health Sciences Center, Aspen, CO, August 1991.

“Treatment of Blood Exposures”, 26th Annual Conference on Occupational Medicine, Rocky Mountain Academy of Occupational and Environmental Medicine (RMAOEM), January 1991.

Demonstration Projects

Level II Re Accreditation Course, Division of Workers’ Compensation. Editor of the course syllabus, created the course format, the sections on Causality Assessment and Disability Management, the problem-based learning workshop on the Lower Extremity Guidelines, the pre-test and accreditation test, 2001 - Disability Section included in Teaching Portfolio. 2004 course includes evidence-based learning module, causality assessment, and section on cultural competency. 2010 course includes chronic opioid management and evidence-based shoulder and knee case workshops. Full courses available on request from the Division of Workers’ Compensation, contact Kathryn Mueller

Level II Reaccreditation Website course second edition has been completed. These courses are available on request from the Division of Workers’ Compensation, contact Kathryn Mueller.

Division of Workers’ Compensation Treatment guidelines developed under Dr. Mueller’s direction. (Note because these are rules, no authorship can be included under the state regulations.) Ten guidelines are available, including low back, cervical spine, thoracic outlet, shoulder, lower extremity, and traumatic brain injury. The most recent evidence based guidelines are carpal tunnel, cumulative trauma, chronic pain and complex regional pain syndrome. Last updated Guidelines: Shoulder and Thoracic Outlet Syndrome, 2008 – used latest accepted evidence-based rating and consensus standards. Lower Extremity Guideline was revised in 2009, Cumulative Trauma and Carpal Tunnel were revised in 2010 and Chronic Pain and Complex Regional Pain Syndrome were revised in 2011. Go to www.colorado.gov/cdle/dwc. Portions of the latest guidelines are found in the clinical section of the portfolio.

Executive Summaries of the Quality Improvement Studies - go to www.colorado.gov/cdle/dwc. Two studies found in Research section. Full text of all studies available from Kathryn Mueller.

Level I Accreditation Curriculum - Author and Editor - Level I reaccreditation home study course includes section on problem-based learning found in teaching section. Full curriculum available through Division of Workers’ Compensation

Regional Review of US Postal Service Impairment Ratings - available on request

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Mental Impairment Rating System – go to www.colorado.gov/cdle/dwc. Rule XIX and the Level II Curriculum – also in Clinical section.

Impairment Rating Tips developed through consensus model with local experts found at www.colorado.gov/cdle/dwc.