

THE 42ND ANNUAL MICHIGAN FAMILY MEDICINE RESEARCH DAY CONFERENCE

The Johnson Center at Cleary University

3725 Cleary Drive, Howell, MI 48843

Thursday May 23, 2019

8:00 AM – 4:30 PM

Sponsored By

Department of Family Medicine, College of Human Medicine, Michigan State University

In Collaboration with

Department of Family Medicine & Community Health, Oakland University William Beaumont School of Medicine

Department of Family Medicine, University of Michigan

Department of Family Medicine and Public Health Sciences, Wayne State University

Department of Family and Community Medicine, Western Michigan University

Michigan Academy of Family Physicians Foundation

NOTICE OF CONFERENCE AND CALL FOR ABSTRACTS

Deadline for Abstracts March 15, 2019

The planning committee for the *Michigan Family Medicine Research Day* invites submission of abstracts of original research pertinent to family medicine and primary care, including population health and behavioral health integration. This annual event is designed to encourage and assist new researchers and scholars in family medicine, nursing and the behavioral sciences in a collegial atmosphere where we can all learn and exchange ideas that may improve patterns of practice and the health of patients under our care.

We welcome submission of abstracts on **research, scholarly and quality improvement** projects. Research abstracts will focus on the collection, analysis and presentation of original data, either quantitative or qualitative. Scholarly categories include case reports accompanied by a literature review* and curriculum development projects. Quality improvement projects, particularly those with measureable patient outcomes, are encouraged. (* Poster Only)

PRESENTER CATEGORIES

- Student: *Medical, Nursing, or Graduate*
- Resident Physician
- Practitioner: Physician, Physician Assistant, Nurse and Nurse Practitioner
- Faculty or Teacher

ABSTRACT INSTRUCTIONS

1. All abstracts must be submitted online at https://msu.co1.qualtrics.com/jfe/form/SV_cumRxxUJpSwRHYV by the deadline stated above.
2. Abstracts must no more than 300 words in length, single-spaced, double-spacing between the title, presenter's name and text using **11 point Arial font**.
3. Title of the abstract should be in CAPS with no abbreviations.
4. List all authors' names and degrees, MD, PhD, etc., mentor's name (for students and residents), institution, mailing and email address, and phone number.
5. Indicate on a separate line the presenter's name.
6. Research abstracts should include: a) background, b) methods, c) results, d) conclusions.
7. All presenters, authors, mentors associated with the abstracts must complete a disclosure of conflicts prior to the activity. Information on completing the disclosure will be sent upon acceptance to the conference.

ABSTRACT FORMATTING EXAMPLE

THE EFFECT OF PARTICIPATORY MANAGEMENT, WORK CLIMATE, AND EHR FUNCTIONALITY ON PRACTICE EFFICIENCY

Molly Polverento, Karen Breejen, Judy Arnetz, Bengt B Arnetz

Program: Michigan State University College of Human Medicine, Department of Family Medicine;

Presenter: Molly Polverento

BACKGROUND: It is well-documented that the work culture significantly impacts organizational efficiency (Arnetz et al, 2011), especially the extent to which employees participate in the decision-making process (Dorgham & Mahmoud, 2013). Organizational efficiency plays an increasingly important role in the rapid transformation of the structure and delivery of healthcare within the primary care setting and providers are expected to manage often competing clinical and administrative tasks. Electronic Health Records are thought to facilitate this process by improving efficiency (Fontaine et al, 2010), although the EHR has been shown to have limited positive impact in clinical practice (Lau et al, 2012). **METHODS:** All Michigan State University Family Medicine Residency Network practices were invited to participate in an expanded version of the Quality-Work Competence (QWC) questionnaire (Arnetz & Hasson, 2007). The online survey included an assessment of work tasks, organizational culture, and opinions about the EHR. All providers and staff were invited to complete the survey. Respondents included non-resident physicians, residents, and other non-physician clinicians. **RESULTS:** Linear regression analyses using the responses from 165 providers were performed predicting practice efficiency. After controlling for age, clinical, and administrative workload, as well as work climate was associated with efficiency for physicians ($\beta=.444$, $p<.001$), residents ($\beta=.345$, $p = .011$), and clinical staff ($\beta=.677$, $p<.001$). Participatory management was associated with efficiency for physicians ($\beta=.358$, $p=.003$) and residents ($\beta=.333$, $p=.016$). EHR functionality was associated with efficiency only among physicians ($\beta=.199$, $p = .021$). **CONCLUSION:** Creating a positive and supportive work climate within a practice is important to optimize practice efficiency for all clinical providers. Strategies are needed to improve practice work climate, including training in the implementation of shared-decision making practices and improving proficiency with practice EHRs.

GENERAL ORAL PRESENTATION INSTRUCTIONS

Oral presentations will have TEN (10) minutes to present, followed by FIVE (5) minutes for questions and answers. Time is strictly adhered to and points are deducted for going over the allotted time.

You **MUST** e-mail your PowerPoint file to Louisa Lo at louisa.lo@hc.msu.edu **no later than Friday, May 17th**. If you do not receive a confirmation acknowledging your slides have been received, please feel free to email or contact Louisa Lo at 517-884-0453.

Please name your file with the last name of the first presenter (e.g. Smith.ppt).

You **WILL NOT** be permitted to download your PowerPoint file from a flash drive. All presentations will be pre-loaded on the computers prior to the conference. **NO CHANGES** will be possible after submission. If you do not send your PowerPoint file, you may still present **without** your slides. Please note that points may be deducted from your overall score.

PREPARING FOR YOUR POSTER PRESENTATION

Each display is allocated a 4-FT x 3-FT poster board. Each poster should be prepared on heavyweight paper or lightweight cardstock so they are easy to mount to the poster board using clips.

Poster size is limited to 4-FT x 3-FT. Any poster over this size may not be displayed due to limitations of the easels. Points will be deducted for larger or smaller posters.

An easel stand, a 4-FT x 3-FT poster board and clips to fasten the poster to the board will be provided.

Posters will be assigned to one Poster Presentation sessions. Presenters are expected to be at their poster to answer questions from judges and participants.

IMPORTANT

All presenters and authors attending the conference must register separately and pay the registration fee prior to the conference day.

All presenters, authors, mentors associated with the abstracts must complete a disclosure of conflicts prior to the activity. Information on completing the disclosure will be sent upon acceptance to the conference.

The Brighton Courtyard by Marriott is directly adjacent to the conference center. For reservations, please call 810.225.9200.