North Fork Valley Community Health Center receives HRSA funding

Dr. Joe Kingery, CEO and Medical Director of the North Valley Community Health Center, and his team in Hazard KY have been awarded over \$1,700,000 in new grant funding from HRSA in 2015 alone. These funds are directly related to infrastructure building and clinical services offered at two clinic sites including the June Buchanan clinic in Hindman, KY.

These efforts directly impact the care that is delivered in the southeast region of



Eastern Kentucky. Increased access and comprehensive services ensures all community members have access to the best care possible regardless of their socioeconomic status. These sites also educate our family medicine residents in our Hazard residencies programs.

Community. Medicine. Research.

KAN/Division of Community Medicine UK Department of Family & Community Medicine 2195 Harrodsburg Rd. Lexington, KY 40504



Give us a call for more information about our program and research.

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> PLACE STAMP HERE



Community Medicine & Research Newsletter

A publication of the UK Department of Family & Community Medicine

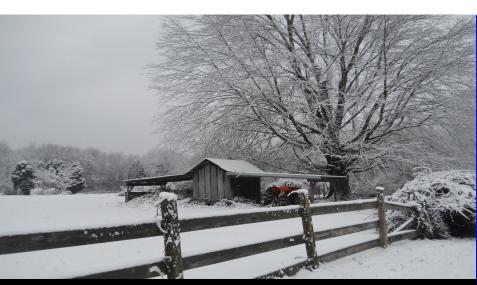
Message from the Director

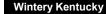
The beauty of Kentucky in the Fall reminds us of the pride we feel in living in one of the most picturesque parts of the country. Yet, many of us are aware that dispersed in this beauty are some of the worst health statistics in the country. Our communities are constantly reminded about our cancer, diabetes, smoking, and substance abuse rates. Unfortunately, few of us realize that the predominant factors leading to these disparities are the underlying social determinants of health. We are a country that "silos" our diseases and problems although so many of these disease outcomes are all due to the same health behaviors. Even the National Institutes of Health's funding mechanisms are structured within disease-specific institutes, such as the National Cancer Institute and the National Heart, Lung and Blood Institute. Above all, most of our attention (and funding) is focused on disease management and interventions, and not disease prevention.

Your are reading the new Community Medicine & Research (CM&R) newsletter that replaces our "KAN Newsletter" and adds the programs and efforts of the University of Kentucky College of Medicine Division of Community Medicine (DCM). KAN has been housed in the new and formal Division of Community Medicine since 2013 and it became apparent that the related activities needed to be disseminated to both our KAN members and DCM partners and stakeholders. Our foundation in KAN and the DCM is based on community partnerships that are focused on community-engaged programs and research. In essence, we are the home of Population Health Medicine.

The CM&R newsletter is organized in two general sections that include "KAN" and the "Division of Community Medicine". We hope you will find this new format informative as we continue to chip away at the health disparities plaguing Kentucky so its beauty is reflected in all aspects of our state.

https://familymedicine.med.uky.edu/kentucky-ambulatory-network-kan





CM&R



Winter 2015





Roberto Cardarelli, DO, MPH, FAAFP Director, KAN Professor and Chief of Community Medicine

In This Issue

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Population Health Management & Quality Improvement for the Practicing Clinician



Population Health Management & Quality Improvement for the Practicing Clinician

We are excited to provide you, our KAN members, an opportunity to download a FREE (with code: **15PHM**) set of self-paced, on-line web modules entitled *Population Health Management and Quality Improvement for the Practicing Clinician*. KAN and the Division of Community Medicine, Owensboro Health, and the Appalachian Osteopathic Postgraduate Training Institute Consortium (AOPTIC) partnered to create 7 modules on this topic. Providers can gain an understanding of the basic concepts of PHM and QI, and how to integrate PHM into practice, while earning CE's. Anyone can view these modules for their content, regardless of whether they wish to claim CE's or not. The modules can be accessed at <u>www.cecentral.com/PHM</u>.

These modules cover: Population Health Management Overview- What does it mean for me and my patients, Identifying the Impact of PHM, Cultivating a Culture of Change and Patient Engagement, Health Assessment, Risk Stratification and Care Coordination, Delivering Patient-Centered Interventions, Evaluating the Impact and Cost-Savings of PHM, and The Quality Improvement Journey: Implementing a Quality Improvement Project in PHM.

Terminate Lung Cancer

The TLC project is active in implementing a community awareness campaign about lung cancer screening in our Eastern Kentucky intervention regions. Based on findings from 6 focus groups, the campaign includes provider and patient information on lung cancer screening on a new TLC website:

www.terminatelungcancer.org

Information packets have been sent to over 450 providers, a roundtable presentation by Dr. Weaver in Morehead, KY was delivered, and 6 marketing messages were developed that are being printed in 17 community newspapers.

Over 60,000 postcards of these messages were printed and mailed to health departments, Ag extension offices, and provider waiting rooms across Eastern Kentucky. We also have daily radio ads (twice a day occurring in the Morehead and Hazard regions). Our messages appeared in 17 community newspapers in the targeted regions that have been running every other week since May 2015.



KAN & DCM TEAM



Dr. Carol Hustedde, Dir. Community Medicine Education



Dr. Karen Roper, Sr. Research Associate



Jennifer Schilling, MPH, KAN Sr. Coordinator



Sarah Weatherford, MSc, CAIPEC Coorindator



Cathy Hardin, Administrative Associate

Family & Community Medicine Faculty Receive Flexner Awards

as re Medi ●

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CM&R

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Western Kentucky Initiative

The first group of the "Nifty Nine" – as we refer to them - started their rotations in late September in Bowling Green and Murray/Paducah. The second group will start at the beginning of February in all three hubs.

These 3rd year medical students are prepared to participate in and contribute to local community initiatives that focus on childhood obesity. They attended didactic sessions this past spring that presented the key elements of community medicine and how each of these communities is attempting to lessen the impact of local health issues. Dr. Hustedde and Linda Asher visited with the "Nifty Niners" in Bowling Green and Murray/ Paducah in mid-October. Dr. Hustedde was invited to speak about the WKI at the October 14th meeting of the Paducah Rotary Club.

Back in Lexington, we are busy making connections with first- and second - year medical students who are from Western Kentucky in hopes that they might become WKIers next year and beyond.



Congratulations to Drs. Hustedde, Kudrimoti, Rankin, Perez, and Kingery as recipients of the Flexner Teaching awards from the UK College of Medicine. These awards recognize their excellence in various areas:

- Educational Leadership and Administration
- Outstanding Teaching Contribution or Mentorship
- Educational Innovation and Curriculum Development
- Educational Evaluation and Research
- Faculty Development and Research



Transitional Care Management Review Accepted by American Journal of Medical Quality

Our team performed a systematic review using Institute of Medicine methods to assess the research in the literature about the effectiveness of transitional care management visits on 30-day hospital readmission rates. Our manuscript, "Systematic review of ambulatory transitional care management (TCM) visits on hospital 30-day readmission rates" was recently accepted for publication by the American Journal of Medical Quality:

Abstract

Purpose: To reduce readmission rates and prevent adverse outcomes after discharge, hospitals have begun implementing "transitional care" initiatives. This systematic review identifies research on the particular set of services now reimbursable by Medicare ("transitional care management", TCM) and evaluates the studies for program effectiveness.

Methods: Results of three databases were screened for peer reviewed journal articles published between January 2004-2015 that report on readmissions of adults in the US healthcare system under the Medicare TCM bundle. ClinicalTrials.gov was queried for funded studies.

Results: Of 969 identified studies, 77 met inclusion criteria for relevance to transitional care and appropriateness of population and setting. Of these, only three articles incorporated all required elements for TCM service. Although two were program improvement designs and none were randomized control studies, each report reduced readmission rates.

Conclusions: Evidence for TCM effectiveness is limited. Additional study of TCM implementation and programmatic support for TCM is warranted.

Lexington Family Medicine **Residency's** Community **Medicine Expe**rience

At the beginning of the 2014-2015 academic year, significant revisions to the Community Medicine rotation in length and structure were made, moving it from a four-week rotation to a twelve-month longitudinal experience. The priorities of the new rotation are:

1. To provide residents the opportunity to deliver care for vulnerable populations served by Bluegrass Community Health Center, a federally quality health center (FQHC).

2. To provide interprofessional training between Family Medicine residents and upper level PharmD students who were selected to participate in an elective, community-focused, ambulatory rotation.

3. To provide training in a team-based environment with Family Medicine residents and PharmD students co-treating patients over a period of several months. The "team" includes FQHC staff (registered nurse, clinical assistant, licensed clinical social worker, pharmacist, and care coordinators).

3. To gain exposure to Patient Centered Medical Home strategies that prioritize specific vulnerable populations.

4. To familiarize learners with vital community resources that can impact patient outcomes through direct services and/or advocacy.

KAN **Advisory Board**











From Top to Bottom:

Gerry Stover

David Bolt

David Greene, MD

Stephanie Moore, BHS, MPA Brent Wright, MD, MMM

Marshall E. Prunty, MD



Four KAN clinics in Kentucky are participating in the Chronic Pain Toolkit Implementation, with an additional three in West Virginia and all are receiving adaptable workflows, guidance, and coaching from the CAIPEC coordinators to put the toolkit into practice. Currently, the CAIPEC coordinators are working with the clinics on the logistics of implementing the toolkit into their practice with most already in the implementation phase. Post-implementation chart reviews will be completed after 3 months of implementation and results will be disseminated next Spring.

All information, CE webcasts, and resources can be found on the website: www.cecentral.com/caipec

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Central Appalachia Inter-Professional Pain Education Collaborative (CAIPEC)

The Central Appalachia Inter-Professional Pain Education Collaborative (CAIPEC) is a multi-faceted CE approach to helping clinicians manage their chronic pain patients. Live presentations at state-wide conferences are complete, but if you see chronic pain patients and are interested in learning how to better manage them, you can check out these Free CME (and fulfill HB1 requirements) enduring webcast resources and adaptable workflows.

Bridges To Home St. Claire Regional Medical Center

Navigating high-risk hospital patients using a lay -health worker model in Eastern Kentucky

Roughly 20% of all Medicare fee-for-service clients are readmitted within 30 days of hospital discharge, resulting in \$17 billion annually. It is estimated that 75% of these readmissions are avoidable. Research has demonstrated that a broad range of socioeconomic and personal factors impact readmission rates. This study sought to address such factors through a hospitalbased Lay Health Worker (LHW) model for transition of care.

KAN partnered with St. Claire Regional Medical Center (who provided the study location and nurse support staff) and Kentucky Homeplace (who provided the Community Health Worker) to execute this study, which utilizes a pre/post design to assess

the impact of implementing a LHW model on 30-day hospital readmission by assisting high-risk clients with their post-discharge social needs. To determine the effectiveness of this LHW model, outcome measures for the 3 months prior to study's program implementation and for 4-months after the study intervention are compared. Both traditional statistical methods and quality improvement evaluation methods, including Statistical Process Control, were performed.

Results from this small pilot study showed that a LHW model for transition of care may be beneficial. 30 day hospital readmission rates decreased from 28.3% in the baseline phase to 14.8% in the intervention phase (p = 0.09). Medication adherence improved in the intervention phase (p = 0.01), as did emotional wellbeing (p < .001), and pain measure scores (p = 0.09).

Funding for this project was provided through a grant from Passport Health of Kentucky. The start date for this project began November 1, 2014 and ended October 31, 2015.

Save the Date! April 22, 2016

Starting in 2016, in lieu of being part of the UK Community Faculty conference for our yearly meeting, KAN will hold a Convocation of Practices which will be held one evening for approximately 2 hours. We will share brief (20 minute) presentations on the results of recent and ongoing research and KAN projects. There will also be time for KAN members to ask questions, propose ideas, and mingle. Dinner and CE's will be free to attendees.

Keeneland will be in session, so come Friday evening and stay overnight in Lexington so you can enjoy the races Saturdav!

More details to come!



DIVISION OF COMMUNITY MEDICINE **Advisory Board**



From Top to Bottom:

Dr Richard Clavton

Debbie Johnson Dr. Fran Feltner

Dr. Samuel Matheny

Dr. Douglas Scutchfield



Only TWO students will be accepted and each will receive a \$1500 stipend that will be paid in 2 installments during the 8-week program.

Please find additional information on the link below:

Program website

other faculty.



The Salvation Army Clinic is an important extracurricular activity for first- and second-year medical students at UK. Historically, our department, and now the Division, has had a major role in the operation of the Clinic by offering some administrative support and onsite volunteer faculty preceptors.

Each year, an elective course is offered that provides some academic content and orientation for the future student officers that are elected each year and other interested students. Dr. Hustedde assumed the role of Course Director this past year, and with the backing of the Department Medical Student Education Committee, she worked closely with the student Co-Chairs to incorporate additional scholarly content and guest lecturers. A new title, "Introduction to Social Medicine and Health Disparities," was selected and thirty students enrolled. The course will be offered again starting in January, 2016.

The main focus is on the current state of health disparities in the US and how these disparities evidence themselves at the Clinic and in our community.

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Community Medicine Summer Research Program

We are announcing the opening of the application process for the UK Community Medicine Summer Research Program (CM-SRP).

The CM-SRP provides an 8-week summer research experience to rising 2nd-year medical students interested in gaining research experience. The goal of the CM-SRP is to provide medical students the opportunity to participate in a primary care/ public health/clinical research project and expose them to the research environment of an academic medical center and the activities of academic physicians and

http://familymedicine.med.uky.edu/family-medicine-uk-community-medicinesummer-research-program-information-and-application

Salvation Army Elective