



A round the State

2017 4-H Youth Conference

Contact Us

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The University of Iowa Health Care Science, Technology, Engineering, and Math (STEM) Education programs are designed for students in grades K-12 with the intent to inspire appreciation and excitement for science, technology, engineering, and math as the foundation for understanding our own health and uncovering the next generation of healthcare professionals.



The UIHC STEM Education program has developed a new partnership with Iowa 4-H. The 4-H youth programs provide opportunities for youth to develop skills they can use now and throughout their life. Iowa 4-H builds upon a century of experience as it fosters positive development that is based on the needs and strengths of youth, their families, and communities.



Every June, almost 1,000 teenagers converge on the campus of Iowa State University for three days full of speakers, workshops, mixers, dances, a banquet, and community service activities. From June 27-June 29, 2017, UI Carver College of Medicine (CCOM) students engaged Iowa high school 4-H students in hands-on STEM activities to simulate "a day in the life" of a medical student at the annual 4-H Youth Conference at Iowa State University. The CCOM medical students engaged learners in physical exam skills, anatomy, and a Case-Based Learning exercise, where students must work as a team to determine their patient's diagnosis.

The following medical students dedicated a total of 42.5 hours to assisting at the 4-H Conference (includes travel time):

- Patrick Brau, M2
- Kristina Damisch, M2
- Wade Gutierrez, M2
- Eric J. Lee, M3
- Elizabeth Mann, M2
- Norah Nguyen, M4
- Marissa Robinson, M4



Cavity Free in the FHC (Family Health Center)

By Sarah Ling, DO, MPH, 2017 Graduate from Broadlawns Medical Center Family Medicine Residency Program



My 2-year-old daughter, in need of toothbrushing and fluoride varnish application

Introduction

My two-year-old daughter is not a fan of having her teeth brushed. Neither are most young children. However, cavities are the leading cause of chronic disease in childhood, four times more common than childhood asthma according to the CDC. Cavities affect speech, communication, sleep, learning, play and quality of life, yet are completely preventable with good oral hygiene and topical fluoride varnish application. For this reason, I implemented fluoride varnish application as a routine part of well child/adolescent visits in the Family Health Center for my culminating project as a third-year Family Medicine Resident at Broadlawns Medical Center in Des Moines. Fluoride varnish application is a quick, beneficial service and is reimbursed by Medicaid.

Methods

I partnered with Broadlawns Dental Clinic, including Dr. Haley Harvey, DDS, and Dental Clinic Manager, Ashley Lansman, who offered two training sessions to educate FHC residents, faculty, nurses, and staff on how to appropriately apply fluoride varnish. The Dental Clinic also donated the first one hundred applications of varnish. The Broadlawns medical records team built new codes into the electronic medical record to facilitate the billing/coding process. I applied for and received a mini-grant through Delta Dental of Iowa to fund the project.

Fluoride Varnish Application Process

1. Identify eligible children: well child/adolescent less than 18 years old with at least one erupted tooth
2. Apply varnish: wipe teeth with a 4x4 gauze pad, apply varnish to all surfaces of teeth (crying facilitates this process)
3. Educate parents: no toothbrushing for 24 hours, avoid sticky hard foods, repeat in three or four months
4. Bill and code

Outcomes/Discussion

In the initial phase of this project, 18 of the 518 children served in the FHC received varnish. No caregiver refused the offer of fluoride application. Forty medical personnel were trained. The Delta Dental mini-grant will provide sustainable funding for this project for the next five years. The relationship between the FHC and Broadlawns Dental Clinic was enhanced with increased communication regarding the importance of pediatric oral health. I now serve on a committee established by the Iowa Department of Public Health called the Cavity Free Workgroup comprised of medical, dental, and public health volunteers who strive to reduce childhood cavities. I will practice as a Family Medicine physician in Dallas Center, IA, after completion of my residency and plan to continue applying fluoride varnish to prevent cavities.



From left to right, Ashley Lansman (Clinic Director, Broadlawns Dental Clinic), Sarah Ling (3rd year Family Medicine Resident), and Jeff Jarding (FHC Nursing Director and model for fluoride varnish application during a training session)

Faculty Development Workshops - Fall Schedule

Clinical Observation: An Essential Educational Tool

Course Description

This workshop will highlight the importance of observation in clinical teaching as well as the challenges encountered. Learners will have the opportunity to interact and practice effective observation including the utilization of various tools.

Presenters

John Swegle, PharmD
Jerrold White, MD
Crystal Menken, PsyD

Workshop Dates

Cedar Rapids

Thursday, October 26
12:00pm to 1:30pm
CRMEF Conference Room
Cedar Rapids Medical Education Foundation
1260 Second Ave. SE

Waterloo

Wednesday, November 29
5:00pm to 6:30pm
Northeast Iowa Family Medicine Residency Program
Medical Arts Center Building, Lower Level/Lecture Hall
2055 Kimball Ave., Suite 101

Des Moines

Thursday, December 7
5:30pm to 7:00pm
Iowa Methodist Medical Center
Education and Research Center, Dorner Seminar Room
1415 Woodland Ave.

Tackling the Barriers to Evaluating Medical Learners

Course Description

Evaluating medical learners is a key component of documenting learner performance and identifying remediation needs.

This workshop will focus on identifying strategies to provide solid performance evaluations while improving preceptor satisfaction with the evaluation process.

Presenter

Adam Froyum Roise, MD

Workshop Dates

Davenport

Wednesday, October 25
6:00pm to 7:30pm
Family Medical Center
1345 W Central Park Ave.

Mason City

Wednesday, November 15
12:00pm to 1:30pm
Mercy Medical Center – North Iowa
Forest Park Auditorium
1000 4th St. SW

Sioux City

Wednesday, November 15
6:00pm to 7:30pm
Sioux City Country Club
4001 Jackson St.



Contact:

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Register Online: <https://medicine.uiowa.edu/oscep/education/workshops>

These workshops have been approved for CME Credit.

CCOM Rural Iowa Scholars Program (CRISP)

The University of Iowa Carver College of Medicine initiated the Carver Rural Iowa Scholars Program (CRISP) to help alleviate the increasing physician shortage in rural areas of the state. More than 360 Health Professional Shortage Areas exist currently in Iowa, mostly in rural areas. The maldistribution of physicians is predicted to increase in the coming years as fewer than nine percent of physicians practice in rural areas nationally.

CRISP is a comprehensive program that focuses on rural medicine throughout medical school. Students begin the program in the summer before their first semester by shadowing a physician mentor in a rural community. Rural elements are embedded throughout their medical education through mentorships, seminars, research, and electives. Required clerkships lay the foundation for developing skills necessary to succeed as a rural practitioner. Graduates are expected to practice in an eligible community in Iowa for a minimum of five years after they complete a qualifying residency, in return for \$100,000 student loan repayment.

Meet the CRISP Class of 2021:



Alison Thilges is originally from Algona, IA. She completed her Bachelor of Science in Biology at Franciscan University of Steubenville in Steubenville, OH. Alison is interested Family Medicine.



Erika Henderson is originally from Muscatine, IA. She graduated from the University of St. Thomas, MN, with degrees in Biochemistry and Spanish Linguistics. She is open to all primary care specialties.



Anne Meis is originally from Le Mars, IA. She graduated from Iowa State University with a Bachelor of Science degree in Biology. Anne is open to all primary care specialties, but is leaning towards pediatrics.



Hannah Thompson is originally from Monticello, IA. She graduated from the University of Iowa with a Bachelor of Science degree in Biology. She is open to all primary care specialties.

Faculty and Staff Announcements



Josh Rehmann, DO, has been named Program Director of the Iowa Lutheran Hospital Family Medicine Residency. Dr. Rehmann grew up in rural Minnesota and moved to Iowa for his undergraduate education at Grinnell College. He completed medical school at Des Moines University in 2006. He then went on to complete his residency education at the Iowa Lutheran Hospital Family Medicine Residency. He served as Chief Resident during the 2008-2009 academic year and upon completion of the program he joined the residency faculty. Dr. Rehmann has championed the Patient-Centered Medical Home at UnityPoint Clinic Family Medicine – East Des Moines which serves as the model office for the residency program. He also serves as the Medical Director of Quality and Population Health at UnityPoint Clinic. He will continue to train family physicians and provide patient care at UnityPoint Medicine—East Des Moines in his new role.



Sara Spiva, DO, joined the Cedar Rapids Medical Education Foundation (CRMEF) faculty in August 2017. Dr. Spiva received her undergraduate degree from Wartburg College in Waverly, then went on to become a Doctor of Osteopathic Medicine at the Kansas City University of Medicine and Biosciences, before starting her Family Medicine residency at CRMEF in 2014. In her last year of residency, she was one of two co-Chief Residents, gaining administrative and leadership experience that will serve her well as a faculty physician. Among her interests is Osteopathic Manual Manipulation, skills she will now be able to teach as well as practice.



Barbara Barnell, DO, joined the Genesis Family Medicine Residency as a faculty member in August 2017. Dr. Barnell received her undergraduate degree from Olivet Nazarene University. She is a graduate of the Chicago College of Osteopathic Medicine at Midwestern University. She completed her family medicine residency at Presence Resurrection Medical Center. Prior to joining the faculty at Genesis, she taught at Advocate Christ Family Medicine Residency in the Chicago area. Dr. Barnell is dually board certified by the ACOFP and the ABFM. She received the Gold Humanism and Excellence in Teaching Award during residency and Faculty Attending of the Year at Advocate Christ Medical Center.



Scott Larson, MD, joined the University of Iowa Hospitals & Clinics Department of Family Medicine as a Clinical Assistant Professor in July 2017. Dr. Larson is originally from Council Bluffs, IA. He received his undergraduate B.S. in Biology at Creighton University in 2009, and then received his M.D. from the University of Iowa Carver College of Medicine in 2013. He remained at the University of Iowa to complete his family medicine residency training, where he served as Chief Resident in 2016 and completed a fellowship in geriatric medicine in 2017. He enjoys bicycling, running, gardening, photography, golf, and spending time with his wife.



Jill Borrall, MHA, CMPE, joined the University of Iowa Hospitals & Clinics Department of Family Medicine as Clinic Administrator in August 2017. Jill comes to the Department from UnityPoint Health in Peoria, IL, where she recently directed specialty services at UnityPoint Clinic-Peoria, including neurology, the hospitalist program, and the diabetes center. She served as the administrator for the family medical center, the family medicine residency program, geriatrics, and patient access. She worked for UnityPoint previously in Fort Dodge and then Des Moines as a clinic administrator for Blank Children's Hospital. Jill and her husband Bryan have two children, Henry, age 3, and Lillian, age 1. Their family enjoys travelling, watching and playing sports, and participating in kids activities. They have maintained strong Hawkeye connections even while in central Illinois. Jill and Bryan are very excited to be near extended family and to be active in the Iowa City community.

Siouxland Medical Education Foundation welcomed three of their 2017 graduates, **Sunnah Doesken, MD**, **Cara Drew, MD**, and **Daniel Irwin, MD**, to their faculty this year.

Achievements and Awards

2017 Distinguished Alumni Award for Service Winner



With a passion for medical education and an unwavering commitment to healthcare administration, **Steven Craig, MD**, is leading the charge to teach the next generation of healthcare professionals in the state of Iowa.

As Executive Director of the Des Moines Area Medical Education Consortium—a non-profit corporation with exclusive academic affiliation with the University of Iowa—he coordinates the partnership between the University of Iowa’s undergraduate, graduate, and residency programs and five Des Moines healthcare member institutions. Dr. Craig also serves as an Assistant Dean for Student Affairs and Curriculum at the university’s regional campus in Des Moines. In these leadership roles, he continues to shape the face of medical education in today’s ever changing healthcare landscape and provide exciting educational opportunities to Iowa’s students.

He received the Carver College of Medicine’s Distinguished Alumni Award for Service at an awards banquet held at Hancher Auditorium in Iowa City on June 8, 2017.

Dr. Craig was also chosen to deliver the keynote address at the White Coat Ceremony recognizing the UI Carver College of Medicine entering medical school class on August 11, 2017. The title of his White Coat Ceremony address was “Oh the Places You’ll Go: Lessons Learned in the 40 Years since I Entered Medical School”.

2017 Michael J. Daly, MD, Humanitarian Award Winner

Regina Butteris, MD, is the recipient of the 2017 Michael J. Daly, MD, Humanitarian Award, presented each year by the Cedar Rapids Family Medicine Residency to pay tribute to the memory of Dr. Mike Daly, Cedar Rapids surgeon and humanitarian, until his death in 2010.

Dr. Butteris is the Medical Director of the UnityPoint Child Protection Center and is responsible for evaluating and adjudicating child abuse cases in eastern Iowa. In this role, she has shown understanding for all the parties involved, empathized for children at risk, demonstrated her responsibility to the judicial system, and protected the youngest members of Iowa’s most vulnerable patient population.

Dr. Butteris received her residency training at Cedar Rapids Medical Education Foundation (CRMEF) and formerly practiced Family Medicine in Mount Vernon, IA. In addition, Dr. Butteris makes herself available to professional and community groups. She is committed to teaching and invites CRMEF Family Medicine residents to her practice every year.

Dr. Butteris continues to exemplify the values of Dr. Daly through her service to Cedar Rapids and eastern Iowa communities, her volunteerism, and her personal sacrifices that her position incurs. She displays courage, compassion, and love for life—and her desire to protect it.

Leah Johnson, MD, Family Medicine Residency Program Director at Siouxland Medical Education Foundation was nominated the 2017 Honorary Chair for the Siouxland Community Health Foundation. A native to Minnesota, Dr. Johnson joined Siouxland after completing her medical degree at the University of Minnesota in 1999. She completed her residency in family medicine at the Siouxland Medical Education Foundation and subsequently was appointed to a position on the faculty. In 2013, she assumed the position of Executive Director of the residency program. Dr. Johnson holds academic appointments as a Clinical Associate Director at the University of Iowa and the University of South Dakota. In addition to her faculty positions, she has several professional affiliations in the community and serves as an ER physician at UnityPoint Health- St. Luke’s Hospital.

Achievements and Awards (cont.)

Jennifer Donovan, MD, a CRMEF physician faculty member, received one of three 2017 Program Enhancement Awards from the Society of Teachers of Family Medicine Foundation. The award includes funding a project to help the residency program improve the quality of resident training, enhance faculty teaching skills, and create a culture of ongoing and meaningful faculty development. Dr. Donovan's project involves the implementation of a two-year formalized faculty development initiative. The program holds monthly faculty meetings dedicated to faculty development, which also take full advantage of resources at the University of Iowa as well as Cedar Rapids community resources.



Corrine Ganske, MD, Assistant Program Director at Iowa Lutheran Hospital Family Medicine Residency, received the Family Medicine Faculty of the Year Award from the 2017 resident graduates.

Iowa Department of Public Health Workforce Summit

The Office of Statewide Clinical Education Programs (OSCEP), an administrative unit of the UI Carver College of Medicine, and the University of Iowa College of Public Health recently completed a study in conjunction with the Iowa Department of Public Health to provide insight into the current state of the Iowa healthcare workforce. A statewide summit was held on May 25, 2017, in Des Moines, IA, to review findings of their environmental scan and develop recommendations on strategies to recruit and support Iowa's healthcare workforce.

Several recommendations were proposed during the summit:

1. Improve communication between the state and healthcare organizations. Many state-funded resources are unknown to employers. A portal or website available to healthcare workforce employers, perhaps through their membership in state organizations, could provide employers an awareness of all state agency programs and current trends.
2. Establish a Healthcare Workforce Commission. This public-private partnership would include stakeholders, researchers, and representatives of all state units with authority and administrative responsibilities for state-funded healthcare workforce initiatives.
3. Focus attention to pipeline and education. Materials could be offered in a portal toolkit to schools, youth groups, and civic organizations. The state could offer loan repayment programs to nurses to retain them to Iowa practice. Medical residency programs should include a rural rotation.
4. Legislative advancement. Telehealth capabilities are a strong recruitment tool for small, rural hospitals as well as a valuable population health strategy. Legislation that facilitates use of telehealth in Iowa needs to be advanced.



Iowa Workforce Factoid

Percentage of Iowa Deliveries Performed by Provider Type Rural vs. Urban – 2015

Delivery Location	OB/Gyn Physician	Family Medicine Physician	Certified Nurse Midwife
Rural	58%	34%	8%
Urban	73%	18%	9%

Based upon 2015 data from the Iowa Department of Public Health, Family Medicine physicians performed 34% of rural deliveries compared to 18% in an urban setting. Family Medicine physicians play a critical role for pregnant women who need access to obstetrical care in Iowa, especially for those living in rural communities.

A Publication for the University of Iowa Statewide Medical Education System

Calendar of Events

October 25	Faculty Development Workshop, “Tackling the Barriers to Evaluating Medical Learners” - Davenport
October 26	Faculty Development Workshop, “Clinical Observation: An Essential Educational Tool” - Cedar Rapids
November 15	Faculty Development Workshop, “Tackling the Barriers to Evaluating Medical Learners” - Mason City
November 15	Faculty Development Workshop, “Tackling the Barriers to Evaluating Medical Learners” - Sioux City
November 29	Faculty Development Workshop, “Clinical Observation: An Essential Educational Tool” - Waterloo
November 29	Iowa Family Medicine Residency Program Directors’ Meeting - Iowa City
December 7	Faculty Development Workshop, “Clinical Observation: An Essential Educational Tool” - Des Moines
December 8	Residents’ Council Meeting - Des Moines, Iowa Academy of Family Physicians