For our third year of the Drs. Warren L. and Gretchen Berggren Global Health Lecture Series, the keynote Grand Rounds speaker is Dr. Donald Krogstad, William Henderson Professor at the Tulane University School of Public Health and Tropical Medicine. A protégé of the Drs. Berggren and of Nobel Laureate Dr. Thomas Weller, Dr. Krogstad employs molecular genetic strategies to develop new agents against malaria and will present the results of research recently published in The Lancet.

Informal student forums hosted by Dr. Gretchen Berggren, epidemiologist David Newberry, oncologist Dr. Carol Swarts, and Dr. Krogstad will round out the lectureship, which was founded by Dr. Swarts. Please attend as many sessions as you can! Refreshments will be served. Live video streaming for all sessions at: http://www.unmc.edu/livevideo/cophlive.html/

TUESDAY October 24, 2017 11a.m. – 12 p.m. MCPH 2001
Dr. Carol Swarts
Breast self-awareness and other Women’s Health Issues in Developing Countries
Dr. Carol Swarts and Dr. Gretchen Berggren attended medical school together at UNMC. In addition to a career in radiation oncology Dr. Swarts has worked with the Drs. Berggren to enhance women's health in developing countries. In this session she will discuss the strategies she helped develop for breast self-examination and early cancer detection in developing countries.

TUESDAY October 24, 2017 12 p.m. – 1 p.m. MCPH 2001
Dr. Gretchen Berggren, David Newberry, Dr. Don Krogstad
Raising a Family while Serving in a Developing Country
Gretchen and Warren Berggren raised two daughters while serving in Haiti and Africa. David Newberry and his wife Ardyce raised five children while serving in Brooklyn, Ghana, and Nigeria. Don Krogstad and his wife Fran served in Malawi beginning when their twin sons were 13 months of age. They will discuss the preparations they made, the challenges they encountered, the responses of their children to a new culture, and the lessons they learned.

TUESDAY October 24, 2017 4 p.m. – 5 p.m. MCPH 2001
Dr. Don Krogstad
High Tech vs. Low Tech: Reducing Child Mortality from Severe Malarial Anemia from 35% to 2%. Sometimes the solution isn’t a shiny new drug.
Before initiating a field test of a new intervention, Dr. Krogstad and his colleagues assessed the existing treatment patterns for severe malarial anemia at a regional pediatric hospital in Mali. The results demonstrated that triage of severely ill children and increasing the availability of drugs for treatment and blood for transfusion, had a dramatic impact on child mortality.
WEDNESDAY October 25, 2017  10 a.m. – 11 a.m.  MCPH 2001
Dr. Gretchen Berggren
The Positive Deviance / Hearth Model of Effecting Behavioral Change
In her work in the Congo, Haiti, and at least 26 other countries, Dr. Berggren pioneered the practices of community based primary care, census-based interventions, and the use of successful local women to coach others in nutrition and infant care. Dr. Berggren will talk about how she identified women who demonstrated “positive deviance” in their communities, how she equipped them to coach their community members, and how results were measured.

WEDNESDAY October 25, 2017  11 a.m. – 12 p.m.  MCPH 2001
David Newberry
Shoe Leather Epidemiology
As an Operations Office with the CDC, David Newberry tackled sexually transmitted diseases in Brooklyn, tuberculosis in Memphis, smallpox and measles in Ghana, polio in Nigeria, guinea worm in Ghana. He will talk about the importance of engaging with community leaders, establishing a long-term surveillance and response system, and learning to be attentive to local custom and protocol.

WEDNESDAY October 25, 2017  Noon – 1 p.m.  MCPH 3013
GRAND ROUNDS  lunch available for the first 100 people.
Dr. Don Krogstad
Malarial Resistance: Field Testing a New Agent against *P. falciparum* in Mali.  Scientific, ethical, and practical considerations in a non-inferiority trial.
Resistance to conventional drugs has required development of novel agents against *Plasmodium falciparum*. Dr. Krogstad will describe his molecular approaches to drug development, and the results of a recent clinical trial of a new agent. He will discuss practical and ethical considerations accompanying clinical trials in developing countries.

AQ-13, an investigational antimalarial, versus artemether plus lumefantrine for the treatment of uncomplicated *Plasmodium falciparum* malaria: a randomised, phase 2, non-inferiority clinical trial
Prof Ousmane A Koita, PhD, Lansana Sangaré, PhD, Haiyan D Miller, BS, Aliou Sissako, MD, Moctar Coulibaly, MD, Trevor A Thompson, BS, Prof Saharé Fongoro, MD, Youssouf Diarra, PharmD, Mamadou Ba, PhD, Prof Ababacar Maiga, PhD, Prof Boubakar Diallo, MD, David M Mushatt, MD, Frances J Mather, PhD, Jeffrey G Shaffer, PhD, Asif H Anwar, MD, Prof Donald J Krogstad, MD  THE LANCET INFECTIOUS DISEASES, Published online: 12 September 2017

WEDNESDAY October 25, 2017  4 p.m. – 5 p.m.  MCPH 2001
Dr. Don Krogstad, Dr. Gretchen Berggren, Dr. Carol Swarts, David Newberry
Minimizing Personal Risk in Public Health Deployments
*Exotic diseases, precarious infrastructures, political instability, natural disasters . . . what could go wrong?* Practical advice from seasoned professionals.