

Forum

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such as crop insurance; and focusing on perennial crops. Future practices and policies also need to take into account carbon sequestration, along with water regulation and purification, she said. "We are going the other direction very quickly," she said. "Agronomists and farmers could respond if they were rewarded (with the right incentives)."

The future is now in much of Africa, which is suffering from a lack of water and other problems created by global warming, said Dr. Moses Ikiugu of the School of Health Sciences.

Ikiugu, a Kenya native, showed the devastation in Africa. He presented slides of human suffering, including a mother and child dying from malnutrition.

"In the 1960s, it was very green and productive. Now, it's very dry and arid," he said. "It's a fast disappearing paradise."

He visited Kenya for a month, with no water supply at the house where he was staying. "The big chore was finding water, because it was not being replenished," he said.

The problem is not limited to Africa, he said, noting water shortages around the globe including the United States. Drought and other climate changes have contributed to problems including heart disease, water and food-borne illnesses, respiratory and skin diseases, West Nile Virus and increased infections, he said.

Ikiugu called for reduced demand on the world's resources.

"Population management must be part of the solution," he said, quickly adding the issue carries religious and cultural controversy.

The earth currently gains 10,000 people every hour, Ikiugu said. The current world population of 7 billion is expected to increase to 9.3 billion by the year 2050 and to 10.1 billion by the end of the century, he said.

The rapid population increase produces the risk of exceeding the planet's capability to sustain such growth, he said. "This issue must be addressed urgently, unless we want nature to take care of us in very painful ways," he said.

Individual behavioral changes can reduce carbon emissions in the U.S. by as much as 123 metric tons in 10 years, he said. In turn, such changes could reduce the U.S. contribution to accumulation of the gasses by as much as 44 percent, he added.

Global warming is accepted by most scientists, according to the third panelist, Dr. Mark Sweeney of the Earth Sciences Department.

"These days, most people agree that the Earth is warming," he said. "Scientific consensus is that humans play the primary role in this; those that disagree hide behind the often repeated mantra 'The climate has always changed naturally.' But one must understand what causes the climate to change naturally before making blanket statements that are not supported by data."

Sweeney noted this year's sci-

entific milestones related to global warming.

The Arctic Sea ice is breaking the record for minimum extent, based on about 30 years of satellite data. The sea ice extent has been running lower than average for much of the last decade. In addition, the permafrost is beginning to thaw under warmer, longer summers.

In addition, carbon dioxide is at its highest level, hitting 395 parts per million (ppm) this year, Sweeney said. Carbon dioxide increases by about 2 ppm per year, so it will break the 400 ppm mark in two to three years. Surpassing that mark would signal a new threshold for the dramatic global warming that has continued for the last two decades, he said.

"Climate scientists claim that, to restore Earth's energy balance, (carbon dioxide) emissions must not exceed 350 ppm per year," he said.

Sweeney pointed to the importance of long-term trends.

"Just because a summer is cold doesn't mean it's the end of global warming as we know it," he said. "The long-term trends are important to flush out the swings in temperature caused by other factors such as El Nino and La Nina. In the end, the trends show increasing temperatures globally."

The current rate of climate change is faster than in the past, with temperatures changing about seven times faster than during the glacial-interglacial changes, he said. The increase in ocean acidity is occurring faster than natural buffers can counteract, and similar warming trends are found in both urban and rural areas, he added.

More heat waves and droughts are connected with climate change, Sweeney said. He pointed to the multiple heat records shattered this year, especially in South Dakota. In addition, the U.S. Drought Monitor has labeled southeast South Dakota as covered by exceptional drought, the worst level.

According to studies, there is no correlation between the global temperature and the sun's energy or volcanoes, Sweeney said.

"The evidence is overwhelming that humans play a big role in climate change. We are beyond any argument here," he said.

While politicians may ignore the issue, global warming continues, Sweeney said. "As carbon dioxide and other greenhouse gases increase, it's like steroids for the climate," he said.

Jarchow believes changing the conversation may create an atmosphere for finding solutions.

"If we talk about the effects as they are now, and the things we see, it's not as political," she said. "It's something we need to do now, and it won't be as polarizing."

Retired USD economics professor Benno Wymar moderated the event, sponsored by the USD Beacom School of Business. For more information on the international forums, email Benno.Wymar@usd.edu.

You can follow Randy Dockendorf on Twitter at twitter.com/rdockendorf

OBITUARIES

Peter Del Favero

CAPE CORAL, Fla. — Peter R. Del Favero, age 65, of Cape Coral, Florida, passed away on Friday, June 15, 2012 at the Cape Coral Hospital in Cape Coral, Florida.

The family will receive friends from 5-8 p.m., on Friday, September 28, 2012 at the Wintz & Ray Funeral Home in Yankton, South Dakota. There will be a Scripture Service at 7:30 p.m. led by Fr. Ken Lulf.

Pete was born on December 16, 1946 in Meriden, Connecticut to the late, Raymond J. and Dorothea (Steitz) Del Favero. Pete lived with his wife and son in Yankton, South Dakota for over 30 years. He had been employed by United Technology, Yankton College, and Mount Marty College. For the last twenty-five years, he was employed by the Mickelson Center for the Neurosciences as a psychiatric social worker and a liaison for the Yankton community. Pete was a board member for Big Friend/Little Friend, Cramer & Kenyon, Habitat for Humanity and a member for the Meridian Bridge Questers. His interests were politics, current events, sports



Del Favero

and socializing with his friends. He is survived by his loving wife of nearly forty years, Marian "Meg" (Wingate) Del Favero of Cape Coral, Florida; his son, Adam and wife, Amy Del Favero of Yankton, South Dakota, his grandchildren, Anthony, Makinzie, Anya and Giovanni; and his sister, Denise and husband, Gary Cruser of Violet Hill, Arkansas.

In lieu of flowers, memorials may be made to the American Diabetes Association at 14216 Dayton Circle Suite 6 in Omaha, NE 68137.

To send an online sympathy message, please visit wintzrayfuneralhome.com.

Yankton Press & Dakotan
September 25, 2012



Online condolences at:
www.wintzrayfuneralhome.com

Hazel (Cotton) Peterson

Hazel (Cotton) Peterson, age 96, of Yankton, South Dakota, died Sunday, September 23, 2012 at Avera Sister James Care Center in Yankton.

A memorial service will be 2 p.m. on Wednesday, September 26, 2012, at the Wintz & Ray Funeral Home in Yankton with Reverend David Wildermuth officiating. Inurnment will be in the Yankton Cemetery. Visitation will be one hour prior to the service at the funeral home.

Honorarium pallbearers will be the VFW Auxiliary. Hazel (Cotton) Peterson was born October 26, 1915, to Clarence and Nellie (Burt) Nelson in Yankton, South Dakota. She grew up in Yankton and graduated from Yankton High School. She married Carl "Ted" Cotton Jr. in Yankton. Hazel lived the majority of her life in Yankton working at Gurney's and operating Cotton Oil with her husband. Ted died on March 28, 1968. Hazel married Milo Peterson on August 20, 1973 and lived on a farm in Wakonda, South Dakota. Hazel was a member of Trin-



Peterson

spending time with her grandson Cory.

Survivors include her son, Kim Cotton and his wife, Kay of Yankton; grandson, Cory Cotton of Yankton; and many nieces and nephews.

She was preceded in death by her parents; husbands: Carl "Ted" Cotton Jr. and Milo Peterson; brother: Chet; and two sisters: Tooty and Velma.

To post an online sympathy message visit wintzrayfuneralhome.com.

Yankton Press & Dakotan
September 25, 2012



Online condolences at:
www.wintzrayfuneralhome.com

Virginia Reigle

RUNNING WATER — Funeral services for Virginia L. Reigle, 86, of Running Water, formerly of Brunswick, Neb., are 10:30 a.m. Wednesday, Sept. 26, 2012, at the Emmanuel Reformed Church, Springfield.

Visitation is one hour prior to the service at the church.

There will also be a visitation from 5-7 p.m. Tuesday at Ashburn Funeral Home, Plainview, Neb. Burial will be in the Pleasant View Cemetery, Plainview.

Virginia died Sept. 22 at Avera Sacred Heart Hospital, Yankton.

Brandon Nelson

TECUMSEH, Neb. — Brandon Nelson, 24 of Tecumseh, neb., and formerly of Crofton, Neb., died on Sunday, Sept 23, 2012, in a car accident near Pawnee City, Neb.

Funeral services are at 10:30 a.m. Friday, Sept. 28, 2012, at St. Rose of Lima Church, Crofton, with Pastor Les Parmenter officiating. Burial will be in the Crofton City Cemetery.

Darlene Snickles

WAKONDA — Darlene Snickles, age 87, of Wakonda, South Dakota, died Monday, September 17, 2012, at the Wakonda Heritage Manor in Wakonda.

A memorial service will be 2 p.m., Thursday, September 27, 2012 at the Wintz & Ray Funeral Home in Yankton with Pastor John DeGroff officiating. Entombment of cremated remains will be in the Garden of Memories Cemetery in Yankton.

Darlene Elenor Snickles was born June 13, 1925, in Bijou Hills, South Dakota, to John and Hanna (Anderson) Cummings. She grew up in South Dakota and later moved to California. She attended Nursing School



Snickles

Prairie Homes Assisted Living in Yankton and later Wakonda Heritage Manor in Wakonda.

Survivors include her daughter, Linda Snickles of Monrovia, California; four grandchildren: Debra, William, Cathlene, and Johnathan; three great grandchildren: Amber, Nicole, and Nelson; one sister; Jeannine

(Bill) Palmer of West Hills, California; and many nieces and nephews.

She was preceded in death by her parents; son, Paul Calvin Snickles; brother, Darrel Cummings; and sister, Narice Starr.

To post an online sympathy message visit wintzrayfuneralhome.com.

Yankton Press & Dakotan
September 25, 2012



Online condolences at:
www.wintzrayfuneralhome.com

Roy Blake

Roy Blake, 78, of Yankton died Sunday, Sept. 23, 2012 at Avera McKennan Hospital, Sioux Falls. Funeral services are at 10:30 a.m. Thursday, Sept. 27, 2012, at Opsahl-Kostel Funeral Chapel, Yankton, with the Rev. Paul Op-

sahl officiating. Burial will be in the Yankton Cemetery.

Visitations begin at 5 p.m. Wednesday at the funeral home, with a Scripture service at 7 p.m. Visitations will resume one hour prior to the service at the funeral chapel.

IN REMEMBRANCE

Melvin Droppers

10:30 AM, Tuesday
First United Methodist Church
Yankton

Hazel Peterson

2:00 PM, Wednesday
Wintz & Ray Funeral Home
Yankton

Darlene E. Snickles

2:00 PM, Thursday
Wintz & Ray Funeral Home
Yankton

Virgil D. Overhuc

10:30 AM, Thursday
United Church of Christ
Crofton

Irene Imig

2:00 PM, Friday
Trinity Lutheran Church
Yankton

Peter Del Favero

Scripture Service
7:30 PM, Friday
Wintz & Ray Funeral Home
Yankton



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First Responder Course and Medical Technician (EMT) Courses offered this fall.

The following courses are being offered to Yankton and surrounding areas to assist in increasing the number of trained emergency care providers.

Emergency Medical First Responder Course:

This is a 40 hour First Responder Course for individuals who are affiliated with an organized first response unit or individuals who desire a greater knowledge of pre-hospital emergency care but are not in need of the EMT training.

- Start Date:** October 17, 2012
- Application Deadline:** 5pm Monday, October 8, 2012
- Tuition:** \$75 per student. Tuition included text book.

For more information please contact: Mark Nickles at mark@co.yankton.sd.us or 668-9033

Emergency Medical Technician (EMT)

This 160 hour course was developed by the Department of Transportation. The EMT National Standard Curriculum prepares individuals to work for first responder groups or an ambulance service.

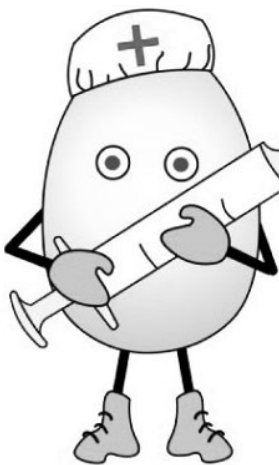
- Start Date:** October 16, 2012
- Application Deadline:** 5pm on Wednesday, October 10, 2012
- Tuition:** \$625 per student. Tuition includes textbook.

YRAHEC and ASHH will provide \$300 to students upon course completion and licensure

For more information please contact: Troy Cowman at troy@co.yankton.sd.us or 668-9033



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Rev. Dr. Paul M. Opsahl
After Care Counselor

Opsahl-Kostel Funeral Home & Crematory offers a program for those who have lost a loved one and are dealing with grief. Our goal is to assist people through this difficult time. Leading this after care program will be the Rev. Dr. Paul M. Opsahl.

Dates:

October 1st	October 22nd
October 8th	October 29th
October 15th	November 5th

Topics to be covered:

The Meaning of Grief
The Normal Experience & Features of Grief
Constructive Ways of Handling Grief
The Need To Reach Out and Set Goals
Coping with Special Days
Grief, the Latter Stages
What does the Future Hold?

Paul Opsahl attended Yankton College and the School of Theology where he earned the degrees of Bachelor of Arts and Bachelor of Theology. He earned a Master of Divinity Degree from Hartford Seminary, Hartford, Conn. His doctoral studies were with McCormick Seminary, Chicago, Ill. He was awarded an honorary degree from Yankton College, where he has served on the Board of Trustees for over 20 years. Rev. Opsahl has over 40 years of pastoral experience, which reflects his concern and compassion for people.

Anyone who has suffered a loss is welcome to join in this program, which will meet on Monday evenings from 7:00-9:00 p.m. at the Opsahl-Kostel Funeral Home & Crematory in Yankton.

Refreshments will be served.



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