**Professional Poster Showcase and Corresponding Articles**

**Heavy Metals Analysis of Stratigraphic Formations, Pine Ridge Reservation, S.D.**
- S. Franklin, P. Delgado, H.E. LaGarry, J.M. Kant, S.R. Burckhard and K. Min

**Development of an indirect enzyme-linked immunosorbent assay (iELISA), a fluorescent microsphere immunoassay (FMIA) and a blocking ELISA for the detection of antibodies against porcine epidemic diarrhea virus (PEDV)**
- S. Lawson, F. Okda, X. Liu, A. Singrey, T. Clement, J. Christopher-Hennings and E.A. Nelson, Veterinary and Biomedical Sciences Department, SDSU

**Development of monoclonal antibodies and other reagents for detection of porcine deltacoronavirus (PDCoV)**
- A. Singrey, S. Lawson, X. Liu, F. Okda, T. Clement, J. Nelson, J. Christopher-Hennings and E.A. Nelson, Veterinary and Biomedical Sciences Department, SDSU

**Development of serological assays for detection of antibodies against Porcine Deltacoronavirus (PDCoV)**
- F. Okda, S. Lawson, A. Singrey, X. Liu, K. Hain, J. Nelson, J. Christopher-Hennings and E.A. Nelson, Veterinary and Biomedical Sciences Department, SDSU

**Determination of Physio-chemical Characteristics of Cheddar Cheese and its Whey Manufacture by using Beta Carotene Cheese Based Color.**
- A. Biswas, Department of Dairy Science

**Characterization of a Sunflower Germplasm Collection for Adaptation to the Local Conditions to Enhance the Gene Pool for Sunflower Breeding**
- J. Feng, Plant Science Department

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**2014-2015 Professional Staff Advisory Council**

**Academics**
Stephanie Bebensee, Academic Adviser, University College

**Business/Administration and Facilities**
Karen Jastram, Director of Accounting, Accounting office

**Extension/Outreach**
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Jennifer Vander Wal, Coordinator-Institutional Research
Jeffrey Vostad, Program Director Trio, SSS

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**Thursday, March 12, 2015**
**McCrory Gardens Education & Visitor Center**
**2:00-5:00 pm**

**Professional Staff Annual Meeting and Awards**

**South Dakota State University**

**Professional Staff Poster Showcase**
**Guest Speaker**
**Dean Barry Dunn**

**Presentation of Distinguished Excellence Awards**

**Election Results and Committee Member Recognition**
**PSAC Chair Laura Ruesch**

**Social**

*The Professional Staff Advisory Council gratefully acknowledges the generous funding of Awards for Excellence by the F.O. Butler Board of Trustees.*
The F.O. Butler Awards for Excellence in Service are presented to those who achieve the highest levels of excellence and in so doing, make valuable, lasting contributions to the well-being of the people of South Dakota. The award was established in 1944 by Chicago industrialist, F.O. Butler.

Recognizing the contributions of faculty members
Jennifer Eide, B.S.
Jennifer Eide has served students campus-wide, consistently above and beyond expectations as an adviser, teacher, unit manager and mentor to students and stakeholders in South Dakota. Eide has an amazingly comprehensive understanding of how to teach students in a variety of majors as they earn an equine management minor through the College of Agriculture and Biological Sciences. She created a tremendously successful partnership with the Brookings Parks and Recreation group to host summer horsemanship camps for local youth. Youth who participated in the program are now completing equine studies majors and minors at SDSU. Interactions with her at the SDSU Horse Unit create a passion among area youth that lead them into the SDSU equine program. SDSU is a better place for students as a direct result of her efforts.

Recognizing the contribution of professional/non-faculty exempt and career service
Jim Krantz, B.S.
Jim has led the way in developing innovative SDSU Extension beef programs that positively impact the audiences he serves. He facilitated the formation of producer groups that studied their production and financial records to better manage their cattle operations. He was instrumental in expanding efforts in the area of beef artificial insemination schools and reproductive management. He organized a producer program that used webinar technology to reach individuals beyond the borders of S.D.; helping to increase the stature of SDSU as a nationally recognized source of information. He truly wants everyone from the 8-year old 4-H member to the seasoned veteran to have a great experience and learning opportunity, and he will do everything in his power to make it so.

Professional Staff Excellence Awards, funded by the F.O. Butler Foundation recognize the contribution of professional/non-faculty exempt or civil service staff who dedicate their lives to assisting students, individuals and groups in S.D. In addition to recognizing outstanding and noteworthy contributions in assisting individual undergraduate and graduate students, student clubs and groups, this award recognizes dedicated service to community and regional organizations and non-profit institutions. Being a representative of SDSU, the additional time, dedication and commitment they display outside of work providing service to the community reflects positively on SDSU, promotes the civic-minded values of the university and creates a positive relationship between SDSU and the citizens of S.D.

The Professional Staff Advisory Council Award for Excellence in Research & Scholarship recognizes outstanding service of a professional staff member who has made a meritorious achievement or discovery in research or scholarship. The selection shall be based on original research or scholarship and on the ability to generate funding that the nominee has engaged in while a member of the South Dakota State University professional staff.

Bishnu Karki, Ph.D.
Bishnu Karki’s ability to work across multiple disciplines, cultures and professional experiences has distinguished her tenure as a postdoctoral research associate and adjunct instructor for Agricultural and Biosystems Engineering and Biology and Microbiology department at SDSU. She is a driven and self-motivated scientist, using her particular skills in the area of stimulating food production from non-traditional sources to forward her own research and that of complimentary programs at SDSU. She spends time mentoring other graduate and undergraduate students in collaborative projects leading to publications and grant awards. She is a valued member of her research team and a pioneering force in her area of study.

Awards
The Professional Staff Advisory Council Award for Excellence in Professional Role recognizes consistently superior professional achievement within and beyond the professional staff member’s position requirements and expectations. The selection shall be based on professional service contributions that the nominee has engaged in while a member of the South Dakota State University professional staff.

Greg Heiberger, Ph.D.
Greg Heiberger is the undergraduate program manager and lecturer in the Biology and Microbiology department at SDSU. He was an initial researcher linking social media applications to real-world student behaviors. He is now investigating student food consumption in order to use social media to promote better nutrition practices. In that capacity, he has developed a strong recruiting emphasis for his department and advises 100 junior and senior students preparing for a career in health care. As a result of his efforts, admission to medical schools by SDSU students has grown in recent years while seats in those programs have remained static. In addition to numerous rewards and professional recognition he is a two-time college teacher of the year.

The Professional Staff Advisory Council Award for Excellence in Service recognizes outstanding volunteer service to the local community; the university; university organizations; local, regional or national organizations; or non-profit organizations. Activities honored by this nomination must be outside the realm and requirements of the position held by the nominee. Dedication of this caliber requires significant commitment and personal time, demonstrates the significance of every individual and exemplifies the SDSU value of service to others. The selection shall be based upon exceptional dedication and commitment in the service of others while serving as a member of the SDSU professional staff.

Marjorie Zastrow, M.S.
Throughout her 30-plus year career in SDSU Extension Service, Marjorie Zastrow has educated and built relationships with people across the state of S.D. Her work as a field specialist at the Aberdeen Regional Extension Center has given her the opportunity to study the nutritional habits of South Dakotans in order to develop better overall state wellness. Her work is a study in variety from working with youth in 4-H and South Dakota’s aging demographic to researching the availability of wellness programs in South Dakota’s small businesses. She has served as officer in national and regional organizations, and is the iGrow content coordinator for Health and Wellness. Zastrow builds connections with professionals in the extension system and works to continue evolving that system by taking a positive leadership and advisory role with fellow professionals and stakeholders in the affected communities.