Dean’s Message

The end of the spring semester is quickly approaching. As I reflect on what we have done as a College, there are many accomplishments of which we can be proud. Certainly the strategic planning work and curriculum changes have been significant efforts that faculty and staff have worked hard to address. Furthermore, Nursing became a School and had a very positive accreditation review. Similarly, the Environmental and Occupational Health program also had a very positive accreditation review. Recently, we were able to celebrate RADAR’s 20th year of programming... a very impressive run considering that this program has received external funding over two decades. However, for now I would like to focus on some of our successes in two areas: COHS students and research.

Students: Our students continue to rack up a number of impressive accomplishments. Recently, Daniel Watland attended the Association of Collegiate Educators in Radiologic Technology and won second place out of 350 competitors in the Student Challenge Bowl. Over 20 of our undergraduate students attended this conference! Also, the Environmental and Occupational students took second place in the Health Challenge held through Pacific Northwest International Section of the Air and Waste Management Association. The Department of Respiratory Care sent ten students to their national conference in December. As I write this piece, 12 students in the School of Nursing are traveling with 17 faculty to the Western Institute of Nursing Conference. Our College continues its tradition of exceeding national averages on licensing and credentialing exams for Nursing, Radiologic Sciences, and Respiratory Care. Graduates from the latter two departments also have 100% pass rates on these exams. Finally, the College has three top ten scholars this year! One of the scholars, Tabatha Renz from Community and Environmental Health will be the spring commencement speaker and recently received the prestigious Clinton Fellowship for Service to do work within the area of social justice. Congratulations to Tabatha!

I could describe many more important student accomplishments; however, the point is that the COHS faculty and staff are working very hard and these efforts result in a number of impressive outcomes. We should all be proud of our work and our ethic for care of students. The accomplishments reflect the quality of our students and the depth of our efforts.

Research: Faculty are working hard to grow their research agendas that help answer a number of local, regional and national questions related to human health and well-being. For instance, within the Center for Health Policy (CHP) and the Center For the Study on Aging (CSA) a significant growth in grants and contracts (G&C) activity occurred during the past year. Dr. Ed Baker had a significant increase in G&C activity and brought in more than $500,000 in a single year through the CHP. Dr. Toevs also facilitated significant increases through the CSA with new contracts totaling over $125,000.
Dr. Uwe Reischl sponsored a research scholar, Dr. Ravindra Goonetilleke from the University of Hong Kong. Supporting scholars, such as Dr. Goonetilleke, are critical to expanding and deepening our research efforts within the College. Similarly, Dr. Jeri Bigbee (SON Jody DeMeyer Endowed Chair) recently received a grant for $113,538 from National Council of State Boards of Nursing for a two-year study. Dr. Bigbee has contributed to developing a research culture within the COHS and we will look to support more endowed chairs to continue this tradition in the future. These examples (and there are many more) demonstrate the progress that the College is making to enhance our quality and productivity in the area of research.

It is hard to write a short piece like this because there is so much that we have done; unavoidably, I have omitted important information. Nevertheless, I think our work is significant and we are making a difference through the students we help train and the quality research that we produce. Thanks for the efforts of all the College faculty and staff.

**Graduate Programming**

**First 2010-2011 Thesis Defended and More from the Master of Health Sciences Program**

“71 of 72 responding frontier primary care providers perceive mental and behavioral health problems in their patients,” graduate student Alex Theiler states during his thesis defense. Theiler is a Master of Health Sciences student focused on General Health Research. Theiler studied primary care physicians’ perceptions of mental and behavioral health problems in Idaho’s frontier counties. An audience member asks what the criterion is for defining a frontier area. Theiler sums up the complex system used by the National Center for Frontier Communities, involving population density, distance to services such as markets, and time it takes to travel to such services; in other words, frontier communities are super-rural.

Theiler’s is the first of three anticipated Master of Health Sciences thesis defenses this spring. However, Theiler will be joined in the May commencement by 13 other Master of Health Sciences students. Although only three students in the class of 2011 have chosen to write theses, everyone in the class is completes a capstone course. Master of Health Sciences program director Dr. Tedd McDonald states that the capstone course is designed to test students’ competencies in the core areas of the program; these competencies include epidemiology, ethics, program evaluation, research methods, and statistics. Rather than use oral or written competency exams, students are given assignments that demonstrate their mastery of the subject matter. Students finish the course by being involved in a health-related organization in the community and writing a final paper about the work with which the organization is involved.

Many of the alumni of the program go on to careers in managerial positions in health districts and regional medical centers. Some return to Boise State as adjunct instructors. The success of the alumni
demonstrates the successfulness of the program in instilling knowledge and skills about health issues. The five emphases and three graduate certificates allow students to focus on a variety of aspects within public health. For instance, students specializing in Environmental Health may go on to occupational safety careers while students focused in Health Promotion may become wellness directors or program coordinators for clinics, foundations, hospitals or health clubs. The Health Policy emphasis offers a unique track, as health policy programs are quite rare in the United States.

The graduate students also benefit from the program’s associations with research centers, such as the Boise State Center for Health Policy. The Center offers a chance for graduate students to be involved in visible research projects through research assistantships. Projects include working on statewide tobacco cessation and working with agencies such as the Department of Juvenile Corrections. These assistantships are mutually beneficial to the students and their faculty mentors. The students get hands on experience in research processes and procedures that can enhance their resumes. Meanwhile, faculty have extra assistance in their research, enabling them to better balance their teaching and research workloads.

For more information about the Master of Health Science program, contact Dr. Tedd McDonald at 208-426-2425 or tmcdonal@boisestate.edu.

**Faculty and Graduate Student Make Dual Presentations to Idaho Juvenile Justice Administrators**

**Dr. Tedd McDonald**, director of the Master of Health Science program, and **Alex Theiler**, Master of Health Science graduate student, made two presentations on their evaluation of the Idaho Department of Juvenile Correction's (IDJC) Clinical Services Program (CSP). The CSP, in its third year, is a statewide program that provides mental health and substance abuse screening to juveniles detained at one of the 12 juvenile detention centers in the state, which also links juveniles (and sometimes their families as well) with community-based treatment services upon their release. The research itself was performed on a grant from the IDJC through the Center for Health Policy. Details can be found at [http://hs.boisestate.edu/news/idjc-clinicalservices.shtml](http://hs.boisestate.edu/news/idjc-clinicalservices.shtml).

**Outreach & Service**

**Center Celebrates 20 Years of Service: 1991-2011**

Balloons marking each of the 20 years of the existence of the RADAR Center greeted those who attended the Open House Celebration on February 9. Stories of the Center’s humble beginning next to the men’s locker room in the Old Gym (now Kinesiology) were shared by Phyllis Sawyer, initial director, and Julie Gerrard, resource specialist (at left). Former student employees who dropped by were Audrey Williams (1995-97) and Natalie Keffer (2005-09). The invitation to tour the newly renovated Center remains. Call 426-3471 or visit [radar.boisestate.edu](http://radar.boisestate.edu) for more information.
Senior Honors Student Named to Governor’s Volunteer Commission

Tabatha Renz, a senior health science major and Honors College student, recently was named to the Governor’s Commission on Service and Volunteerism for the State of Idaho. Dubbed “Serve Idaho,” the commission’s mission is to encourage volunteerism and community service throughout the state. Renz, who will serve a three-year term, was nominated through her work with Boise State’s Service-Learning program and her post-graduation commitment to complete two years of service with AmeriCorps, which is administered through the commission.

Renz serves on the membership and conference committees and will play a role in organizing the Serve Idaho Conference later this month. She also will organize a large donation drive in support of the Veterans Resource Network and Idaho’s deployed soldiers.

Respiratory Care Presents In Depth Workshops for Medical Professionals in Japan

Professor Lonny Ashworth represented the Department of Respiratory Care and spent some time in Japan this February providing several workshop to medical professionals and co-medical during the International Exchange Visit Programme for Respiratory Care Professionals. Multi-day workshops included the Mechanical Ventilation of the Adult Patient with three, two-day workshops in Kamakura; at St. Luke’s International Hospital in Tokyo; and at Saiseikei Hospital in Yokohama. Also, one, three-day workshop held at Kameda Medical Center in Kamogawa and a three-hour workshop specializing in Acute Respiratory Distress Syndrome (ARDS) presented at the Society for Intensive Care Medicine in Yokohama.

Friends of Nursing Supports Faculty-Student Initiative with Genesis World Mission

Dr. Cindy Clark and her senior Nursing Leadership students have been working for several semesters with Hillary Roethlisberger, director of the Garden City Community Clinic (GCCC) which is the local operations of Genesis World Mission. In Fall 2010, nursing students conducted a community-wide assessment to determine the health care needs of the homeless and underserved of Garden City.

During the spring 2011 term, another group of senior nursing students are building on the assessment by collaborating with community partners to define a sustainable health care solution for the underserved population of the Treasure Valley. To accomplish this, the students are working with Dr. Julius Kavuludi, a surgeon from Kenya and member of MAP International. Dr. Kavaludi was the featured keynote speaker for the Faith Hope Charity annual dinner event for Genesis World Mission. He shared
about community engagement models and how they apply to Genesis’ work in the US and in Kenya.

Eight students were able to attend the fundraiser dinner event with help from the Friends of Nursing, a group of volunteer professional and business people dedicated to excellence in nursing education at Boise State. The Friends of Nursing purchased the table for Dr. Clark and her students with the belief that this experience would enrich the students’ educational experience and broaden their understanding of a nursing career.

Dr. Clark’s students also helped plan, host, and coordinate a meeting with numerous community partners facilitated by Dr. Kavaludi focused on finding sustainable health care solutions for the underserved. Following the assessment meeting, the students will analyze and disseminate the data to community leaders and myriad stakeholders.

Celebrate National Nurses Week: May 6 – 12

National Nurses Week 2011 is right around the corner. Over 41,000 Idaho Nurses help serve our state and we recognize and celebrate our faculty and students in the School of Nursing!

What is happening during Nurses Week?

Reader’s View Article: Dr. Marty Downey is submitting an article to the Idaho Statesman celebrating National Nurses Week. Watch for Dr. Downey’s article during the next several weeks.

Public Service Announcements: Friends of Nursing has updated their Public Service Announcement (PSA), which will be sent to news stations across Idaho. Watch for the PSA throughout the week!

May 6: The School of Nursing, University Health Services, and the Recreation Center team up for a health promotion booth in the SUB. Come by and visit us!

May 9: The School of Nursing is hosting Boise School District Health Occupation teachers and students on-campus. Students will be touring the Simulation Center and learning more about applying to Boise State and the School of Nursing.

May 10: The School of Nursing is hosting a group of Treasure Valley High School Counselors and Health Occupation Teachers for breakfast. Important changes are taking place to the Bachelor’s in Nursing admissions criteria. This is the first phase of our community outreach program and will help inform students and counselors about these changes.

May 12: Turn on your televisions this morning and watch Channel 7’s Where’s Larry? with Larry Gebert, which will be taped in the Simulation Center, hosted by Nursing faculty, staff, and students.
Two OSHCON Staff Win Instructor of the Year at 2010 Safety Fest

Two employees from The Idaho Occupational Safety & Health Consultation Program (OSHCON) at Boise State University have been awarded with Instructor of the Year Award from the 2010 Safety Fest of the Great Northwest. Jeff Thompson and Matt Wattles were awarded the Instructor of the Year on January 25 during the opening ceremony for the 2011 Safety Fest of the Great Northwest.

The instructor of the year award is decided by attendees of the Safety Fest classes. Thompson and Wattles were voted the best instructors by all attendees at the 2010 Safety Fest. “This was a big honor for our Department as there were a lot of students and a lot of classes offered at the event,” stated Thompson, Program Manager. “It demonstrates how effective and well received our training can be. This award was not just for Matt and myself, but reflects the quality and abilities of our entire staff.”

Boise State Faculty to Address Lawmakers on Alzheimer’s Issues

The Idaho Alzheimer’s Planning Group, a project of Boise State’s Center for the Study of Aging, advocated with lawmakers on March 30 for elevating Alzheimer’s disease and other dementias as a public policy priority in Idaho. The presentations were made in front of the Idaho House’s Health and Welfare Committee and the Senate Health and Welfare Committee.

The group’s goal is to improve the spectrum of diagnosis, treatment and caregiver support services for Alzheimer’s patients through the development of a state plan similar to those in place in 27 other states. Led by Mike Berlin, a Boise-area gerontologist and Boise State adjunct faculty member, the group also included Dr. Troy Rohn, a Boise State biology professor and Alzheimer’s researcher, Dr. Sarah Toevs, director of Boise State’s Center for the Study of Aging, and Louise Berlin.

The presentation, “A Looming Epidemic,” argued that the numbers of those diagnosed with Alzheimer’s and other dementias – already enough to fill Bronco Stadium – will soon swell as the Baby Boomer generation ages. “We want our wonderful state to be able to support the needs of those afflicted with Alzheimer’s so they can live productive, family-centered lives as long as possible,” Berlin wrote in his introductory letter to lawmakers.

OSHCON Remains Busy with Training Events in Idaho

The OSHCON program co-hosted two training events: the Safety Fest of the Great Northwest in Boise on January 25-28 and the Northern Idaho Safety Fest in Post Falls from February 23-25. Safety Fest is a free safety and health training event for the education of the Northwest’s region’s front line workers, supervisors, and managers of all levels and is an effort to increase awareness of and reduce the hazards presently causing injuries, fatalities, and illnesses. The training emphasized construction, general industry, and mine safety and health. For more, see http://hs.boisestate.edu/news/safetyfests.shtml.
Research

Faculty Receives $100,000 Plus Grant from National Council of State Boards of Nursing

Jeri L. Bigbee, PhD, RN, FNP-BC, FAAN, Jody DeMeyer Endowed Chair, School of Nursing, and Sandra Evans, MAEd, RN, Executive Director, Idaho Board of Nursing, received a grant for $113,538 from the National Council of State Boards of Nursing Center for Regulatory Excellence to address the critical question, “Are more nurses per capita associated with healthier populations?” in a two-year study. National data from all 50 states will be analyzed, using counties as the unit of analysis. This project has important implications for workforce planning and regulation in the U.S. and internationally, particularly in addressing issues of nursing shortages and promoting the health of populations, especially in rural and underserved communities. Additional information is available online at: http://hs.boisestate.edu/News/ncsbgrant.shtml.

Center for Health Policy Moves to The Ron & Linda Yanke Family Research Park

The Center for Health Policy (CHP) has moved to the Ron and Linda Yanke Family Research Park at 220 East Parkcenter Boulevard. Center Director Dr. Ed Baker states, “The move will allow the Center for Health Policy to provide dedicated research space for faculty and community partners as well as graduate and undergraduate students.” CHP’s space is located in pod nine on the second floor of the facility, which currently houses the Energy Policy Institute, the Energy Efficiency Research Institute, the Story Initiative and offices for the Arts and Humanities Fellows. Other facility tenants include the Division of Research, Boise State Radio, Extended Studies and the Center for Orthopaedic and Biomechanics Research. Please call Ed Baker at 426-3118 if you are interested in a visit.

Twenty-Six COHS Faculty Recognized at Annual University Author Recognition Reception

The College of Health Sciences was pleased to participate on February 24 in Albertsons Library 6th annual University Author Recognition reception to honor Boise State faculty who have published a scholarly or creative work between September 1, 2009 and August 31, 2010. Congratulations to:

Edward Baker  Val Greenspan  Nancy Otterness  Pamela Springer
Jeri Bigbee   Pat Lazare     Molly Prengaman  Leonie Sutherland
Mikal Black   Elaine Long   Kathy Reavy     Michael Vallez
Cynthia Clark Kim Martz   Uwe Reischl     Nathan Grimm
Cathy Deckys  Carissa Moffat Miller  Jaime Sand  Kevin Shea
Kai Elgethun  Sandra Nadelson  Vivian Schrader
Pam Gehrke  Linda Osgood  Terri Soelberg

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Office of External Funding Grants Announced

Three faculty received Office of External Funding (OEF) grants this spring. To read further details about these grants, please visit http://hs.boisestate.edu/news/oefgrants2011.shtml.

**Leslie Kendrick**, Radiologic Sciences, was awarded an OEF Developmental Mini Research Grant in the amount of $5,000 to conduct an evaluation of records from St. Luke’s Diagnostic Imaging Department to establish a baseline of where, within the manufacturer recommended ranges, radiological technologists are, on average, currently exposing patients.

**Dr. Cindy Clark**, Nursing, was awarded an OEF Travel Grant to present her research titled “Inventive Teaching Tools to Foster Life-long Learning in Nursing Education” at the 2011 National League for Nursing (NLN) Education Summit in Orlando, Florida in September 2011.

**Dr. Tedd McDonald**, director, Master of Health Science program, was awarded an OEF Travel Grant to present two papers at the 37th annual conference of the National Association for Rural Mental Health in June in Dubuque, Iowa: “Mental Health and Substance Abuse Problems in Detained Juveniles: Comparisons among Those Housed in Urban, Rural, and Frontier Facilities” and “Mental Health Problems in Urban, Rural, and Frontier Idaho: Providers’ Perceptions from a Statewide Survey.”

**Students Shine at Idaho Environmental Health Association Annual Education Conference**

Does fecal contamination in a public waterway or barriers confronting refugees as they assimilate into an Idaho culture spark your interest? What about the cost of long term care for your loved ones or improving the delivery of mental health care to individuals living in a rural setting? Well if you have questions concerning any of these issues, then the Environmental Health Student Research Session chaired by **Dr. Dale Stephenson** and held during the Idaho Environmental Health Association’s (IEHA) Annual Education Conference, was not to be missed. On March 18, four students from Boise State University’s College of Health Sciences presented their research in front of an audience that included both public and environmental health professionals throughout the State of Idaho.

Two seniors majoring in environmental and occupational health presented projects that evolved from their studies. **Jamie Minick** (at left) presented the findings of his internship research performed at the University of Washington with a presentation titled “The Enumeration of Enterococcus and Fecal Coliforms and the use of Gene Biomarkers to identify the Source of Contamination in a Public Waterway.” **Megan**
Smith summarized a service learning project that involved the mentoring of newly arrived refugees aimed at helping them assimilate into the US culture through delivery of “Refugee Populations and Environmental Health: Assimilation of Diverse Peoples into an Environmental Health Culture different from their Own.” To the surprise of Smith, after her presentation she was also awarded the 2011 IEHA scholarship for her academic achievements and future promise in the field of environmental health.

In addition to these undergraduate student presentations, two Masters of Health Sciences graduate students also took the stage to enlighten the audience in ways that improve medical care and delivery to residents of Idaho. Andy Hyer (at right) provided attendees with a systematic model aimed at making Idaho’s Medicaid long term care expenditures more cost effective. Andy’s talk was titled “Increasing Choice in Medicaid Long-Term Care without Breaking the Bank: Projecting the Fiscal Impact of Implementing the “Money Follows the Person” Program in Idaho.” The final speaker of the session, Alex Thieler, outlined his thesis methodology intended to improve mental health care delivery to the many Idaho residents living in a rural setting though his presentation “Primary Care Providers’ Perceptions of Mental and Behavioral Health Problems in Rural Areas of Idaho.” Given the many poignant questions posed by the audience it was clear that session was a success and showed the value of the IEHA conference for both the speakers and the attendees. Go Broncos!

Undergraduate Programming

Three College of Health Sciences Students Named 2011 Top Ten Scholars

The Boise State Alumni Association will honor ten outstanding seniors at an April 19 reception. The Top Ten Scholars award is one of the highest honors given to a Boise State student and recognizes exceptional academic success. To qualify for consideration, a student must have a 3.85 or higher grade point average. Candidates are then reviewed based on breadth of coursework, research, creative works and publications, presentations at professional meetings or conferences, and extracurricular community and campus service. The following is a list of this year’s honorees who are associated with the COHS:

- Clifford “Cliff” Csizmar, Sandpoint, is a chemistry and pre-med major with a minor in biology who will graduate through the Boise State Honors College. His work on the introduction of modern instrumentation into chemistry laboratories has been published in the Journal of Chemical Education, and he has presented his work on the development of a convergent aziridinomitosene synthesis at local, regional and national conferences. His presentations have garnered an INBRE Choice Award, as well as several travel awards. Csizmar is a founding member of the Boise State Paintball Club and is president of the Chemistry Club, which has been involved with several community outreach projects both on and off campus. While in school, he has worked at a local technology start-up, pSiFlow Technology Inc., and volunteered at the Boise Watershed Environmental Education Center, teaching water safety and responsibility to children. Upon graduation he plans to attend medical school.

Honored Faculty: Dr. Don Warner, associate professor, Chemistry
• **James “Jimmy” Matsuura**, Blackfoot, is a *respiratory care* major who currently is employed as a registered respiratory therapist at Saint Alphonsus Regional Medical Center, where he is involved in an ongoing quality improvement project that works to enhance respiratory care for patients with acute spinal cord injuries. Matsuura led and conducted an original study on adult mechanical ventilation, which was accepted and published in *Respiratory Care Journal*. He presented his research at the 2009 American Association for Respiratory Care International Conference and the 2010 Boise State Undergraduate Research and Scholarship Conference. Matsuura is a member of the Boise State Honors College and served as both vice president and president for the Boise State Respiratory Care Students group. In addition, he volunteered for the Idaho Food Bank and the Boise Bicycle Project. In the future, he plans to advance his knowledge as a respiratory therapist at Saint Alphonsus and eventually pursue an advanced medical degree.

*Honored Faculty:* **Lonny Ashworth**, professor and department chair, Respiratory Care

• **Tabatha Renz**, Dillon, Montana, is a *health science studies* major and a first-generation college student who recently was appointed by Idaho’s governor to a three-year term as a commissioner for Serve Idaho, the Governor’s Commission on Service and Volunteerism. Renz received national exposure at conferences including the University Presidential Inaugural Conference and the Clinton Global Initiative University. She spent one year studying abroad in Prague, Czech Republic, and volunteers with Boise’s refugee population through the Agency for New Americans. Her leadership positions have included roles with the Boise State chapter of the National Society of Collegiate Scholars, Volunteer Services Board and Honors Student Association. Renz plans to commit to a term of service with AmeriCorps before attending graduate school and also will focus on developing a program to help returning combat soldiers reintegrate into their communities and families through volunteer projects.

*Honored Faculty:* **Dr. Jim Girvan**, professor, Community and Environmental Health

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**Radiologic Sciences Students Excel in Conference Competitions**

Students of the Boise State *Student Association of Radiologic Technologists* (SART) have been working diligently throughout the Fall 2010 term to earn monies toward travel and registration costs of the 36th annual Association of Collegiate Educators in Radiologic Technology (ACERT) conference held in Las Vegas, Nevada, February 23-25. Twenty-one Radiologic Sciences students attended the conference and participated in the annual Student Challenge Bowl held during the conference. **Daniel Watland** (above) won second place out of over 350 participants and received a monetary award of $75.

**Leslie Kendrick**, associate professor, Radiologic Sciences, assigned primary research projects as part of her Fall 2010 RADSCI 330 Introduction to Sectional Imaging course. Eight research papers, originally created during the course, were submitted and accepted for the Royal Domingo Essay Competition at the conference. **Tessa Partridge, Stephanie Spagnolo, Krystle Doherty, and Cara Buzzell** won first place for their paper, *The Effects of Shielding on Occupational Dose*, and received a monetary award of $100.
The following is a list of all the papers submitted:

- **Dose considerations with kVp changes.** Lauren Jones, Stephanie Lodman, and Angela Miller
- **The relationship between effective equivalent dose and source to image distance.** Daniel Watland, Lauren Hartely, and Sonja Ewing
- **Dose to the eye: AP vs. PA imaging of the skull.** Ferozan Ahmadi, Leslie Acosta Andrade, and Stewart Cathrae
- **Lead shielding with diagnostic imaging.** Josh Nickasch, Elisabeth Olson, and Hannah Venn
- **The effects of shielding on occupational dose.** Cara Buzzell, Krystle Doherty, Stephanie Miller, and Tessa Partridge
- **The effects of technique changes on imaging quality and patient dose when imaging a casted extremity.** Shea Hobbs, Kathy Howard, and Alisa Jensen
- **Reduction of breast dose.** Alicia Jester, Jennifer Krogue, and Stephanie Lewis
- **The effects of kVp changes on image quality.** Holly Guray, Noelle DesRosiers, and Linsi Vargas.

**Graduates Prove Exceptional on National Credentialing Exam**

The May 2010 graduates from the **Radiologic Sciences Program** had a 100% pass rate for the national credentialing exam offered by the American Registry of Radiologic Technologists. Our students’ average score was 92.3%, as compared to the 88.5% average for all Idaho examinees and the 84.9% average for the nation! Please view the chart and table for more details on how the graduates compare to other students in the nation and state.

**ARRT Credentialing Examination Results AS Radiographer Program 2010 A Comparison with National/State Trends**

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<th>BSU Results</th>
<th>National Results</th>
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<td>Equipment Operation/Maintenance</td>
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<td>Image Production/Evaluation</td>
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*75% is considered passing or 7.5 per content section*
College of Health Sciences Students Active at Undergraduate Research Conference

At Boise State, undergraduates play a prominent role in research and creative activities that contribute to scientific knowledge, enrich culture, benefit the community and have the potential to improve quality of life across the globe. To showcase impressive undergraduate work, Boise State annually hosts the Undergraduate Research and Scholarship Conference, a blend of podium and poster presentations, exhibitions and demonstrations. The 8th annual conference took place on April 11 and provided the campus and greater community a chance to meet students and learn about their meaningful explorations of everything from graphic design to cancer treatment.

College of Health Sciences Podium Presentations:

- *Through the Eyes of a Refugee: Cultural, Social and Environmental Issues Associated with Assimilation in a Foreign Land.* Megan Smith (Honors College), Community and Environmental Health. Faculty Sponsor: Dr. Dale Stephenson.
- *Survey of Dog Owners in Boise City.* Presenter: Natalie Shehan (Honors College). Additional team members: Lauren Troy, Emily Barnhart, Megan Traghber, and Emilee Kottcamp, Community and Environmental Health. Faculty Sponsor: Dr. Lee Hannah.
- *Delta Dental School-Based Dental Sealant Program Evaluation.* Eric Donahue, Community and Environmental Health. Faculty Sponsor: Dr. Lee Hannah.
- *Student Behaviors in a Virtual Reality-Based Clinical Simulation: Lessons Learned.* Jane Classen, Nursing. Faculty Sponsors: Kelley Connor and Max Veltman.
- *Ventilation Analysis of Protective Helmets.* Yolanda Anguiano, Community and Environmental Health. Faculty Sponsor: Dr. Uwe Resichl.
- *Thermodynamic Assessment of Head Protective Equipment Exposed to Infrared Radiation.* Casey Elison. Faculty Sponsor: Dr. Uwe Resichl.

College of Health Sciences Poster Presentations:

- *PCR Amplification of Enterococci and Bacteroides DNA to Determine the Source of Fecal Contamination at a Coastal Recreation Area.* Jaime Minick, Community and Environmental Health. Faculty Sponsor: Dr. Dale Stephenson.
- *Fluoride in Drinking Water: The Health Debate Continues.* Shannon Wirz, Community and Environmental Health. Faculty Sponsor: Dr. Dale Stephenson.
- *Pain Quality Descriptors in Persons with Limb Loss.* Angelica Garcia, Nursing. Faculty Sponsor: Dr. Cecile Evans.
- *Assessment of Idaho Health Care Providers Practices and Resources for Screening Children’s Blood Lead Levels.* Rachana Acharya, Nursing; Omair Shamim, MD, MHS; Annette Totten, PhD. Faculty Sponsors: Ingrid Brudenell, PhD, RN and Karen Godard, MSN, CPNP.
- *Rural Community Members’ Perceptions of Water Quality.* Rikki Peck, Nursing. Faculty Sponsor: Dr. Jeri Bigbee.
- *Using High School RUCA Codes to Identify Students from Rural Backgrounds.* Diane Kenski, Nursing. Faculty Sponsor: Dr. Jeri Bigbee and Diana Mixon.
- *Rural Residents’ Perceptions of Substance Abuse as a Community Health Deficit.* Vanessa Phillips, Nursing. Faculty Sponsor: Dr. Jeri Bigbee.
- *The Importance of a Thorough Orientation/Preceptorship to Nurse Recruitment and Retention*
within Critical Access Hospitals. Laura Ritchie (Honors College), Nursing. Faculty Sponsor: Molly Prengaman and Dr. Jeri Bigbee.

• Reach Out and Read: Parenting Education for Refugees. Liz Allen, Staci Carman, Stanette Desloover, Brandy Fisher, Laura Hernandez, Alice Hewes, Nathan Isbell, Tom Jakush, Craig Jelsovsky, and Britt Watsjold, Nursing. Faculty Sponsor: Dr. Kathy Reavy.

• Stay in the Box and Avoid the Pox: A Literature Review of Varicella Vaccine. Vanessa Phillips, Nursing. Faculty Sponsor: Pam Strohfus.

• Effect of Tube Compensation on Tidal Volume During a Simulated Spontaneous Breathing Trial. Jesse Ferguson and Britney Griffith, Respiratory Care. Faculty Sponsor: Lonny Ashworth.


College News Highlights

The National League for Nursing Accrediting Commission Board of Commissioners met in March and granted the master’s nursing program, including the post-master’s certificate program, initial accreditation and scheduled the next evaluation visit for Fall 2015. The Board also granted the baccalaureate nursing program continuing accreditation and scheduled the next evaluation visit for Fall 2018.

Recipients of the 2010 Provost’s Excellence in Advising Awards were recognized at a ceremony on March 17. Award recipients are selected based on the evidence of effective advising qualities and distinguishing advising practices. The selection committee looks for nominees who have made a significant contribution to advising at Boise State. Congratulations to Kelley Connor, School of Nursing, as the College of Health Sciences recipient.

Dr. Uwe Reischl, Community and Environmental Health, presented a research paper at the 10th International Symposium on Human Factors in Organizational Design and Management (ODAM), April 4-6, in Grahamstown, South Africa. “Management of Outdoor Heat Stress: Reducing Exposure to Solar Heat Radiation” was co-authored with Dr. Ravindra Goonetilleke, visiting professor of Health Sciences. The research paper was published in the ODAM conference proceedings edited by M. Goebel et. al. of Rhodes University.

A study by Boise State researchers in the Center for Health Policy and the Idaho Department of Juvenile Corrections (IDJC) was recently featured in a story published by the Idaho Press Tribune. Bonnie Lind and Dr. Tedd McDonald, director, Master of Health Sciences program, were co-principal investigators on the report. Read the Press Tribune article at http://www.idahopress.com/news/article_4437b8f8-462d-11e0-b759-001cc4c002e0.html.
Boise State University was represented by 15 nursing students and two nursing faculty to the National Student Nurses Association National Conference in Salt Lake City, Utah, from April 6-10. Students presented their posters at the National Conference and had an opportunity to network with fellow nursing students around the country.

Congratulations to Brett McAllister for winning the Wallace G. Kay Writing Competition for the College of Health Sciences division. The competition is sponsored by Phi Kappa Phi, an interdisciplinary honor society. McAllister’s winning essay is titled “The Older Driver Dilemma.” Faculty Sponsor: Pamela Gehrke, Nursing. Faculty coordinator for the College: Mary Hereford, Nursing. Division faculty judges: Dr. Shoni Davis, Kathy Reavy, and Eldon Walker, Nursing.

This February, a team of Radiologic Sciences students, called the Roentgen Riders, participated in the "Inside Ride.” Misti Walker, Katheryn Severson, Bryan Gibson, Michelle Phelps and Shaneen Jensen participate in this unique stationary cycling event that was geared to get everyone's hearts pounding! This celebration of American Heart Month was hosted by Saint Alphonsus in support of and education concerning cardiac health.

On February 28, Scott Staley, Radiologic Sciences, and three Radiologic Sciences students represented the department by introducing the Boise State Health Professions Residency Hall to the profession of radiologic sciences and its potential. Staley and the students allowed the residence hall members to get involved in taking an image of one of the many positioning phantoms available in the lab. The residents enjoyed taking an image of choice which included a hand, foot, elbow, or knee.

Dr. Sandra Nadelson, Nursing, published her article “Patient-Centered Medical Home: Meaning and Relevance to Nurses” in RN Idaho.

Nadelson also presented with Louis Nadelson, assistant professor, College of Education, at the 30th annual Conference on the First-Year Experience held in Atlanta, Georgia, February 4-8. “Electronic Portfolios and First-Year Residential Students: Let the Learning Begin!” drew on their work with first-year residential students who are members of the Boise State Health Professions Residential College and other student groups.
Calendar

April 21  Bronco Primetime — 4:00 - 7:00 pm, Stueckle Sky Club, Bronco Zone, employee social gathering includes give-aways, hors d’oeuvres, and no-host beer and wine; http://www.broncosports.com/ViewArticle.dbml?DB_OEM_ID=9900&ATCLID=204871863

April 29  Brown Bag Research Seminar — 12-1 pm, Norco 431. For details, see page 14

May 2  Registration due for BSUAOP Bosses Breakfast — 7:30-9:30 am, Jordan Ballroom. Theme: American Idol - Bronco Style. To receive a registration form, please email Danya at danyalusk@boisestate.edu.

May 6-12  National Nurses Week 2011 — for details, page 5

May 6  BSUAOP Bosses Breakfast — 7:30-9:30 am, Jordan Ballroom. Theme: American Idol - Bronco Style.

May 9-12  Finals Week

May 14  Commencement — 10 am, Taco Bell Arena

May 30  Memorial Day — Offices closed