



# SCHOOL OF APPLIED STUDIES

Allied Health • Criminal Justice & Legal Studies  
Human Services • Social Work

*Spring 2013*





## 30<sup>TH</sup> ANNIVERSARY

This year, Washburn University's School of Applied Studies celebrates three decades of preparing students to serve their larger communities through its vast mix of professional educational programs. Each academic year, the school places more than 500 students in internship, clinical or practicum experiences in more than 400 agencies in Topeka and throughout Kansas and nationwide.

The thousands who bear degrees from the School of Applied Studies are a testament to its important role at Washburn University, which is counting down to its own milestone anniversary – its sesquicentennial in 2015. Peruse the school's history with the timeline on Pages 7 through 10, as we prepare for a future of continued leadership and high-quality programs that respond to community needs.



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# GLOBAL INFLUENCE

## Students share research examining future of health care

Washburn University was represented at the Seventh International Conference on Healthcare Systems and Global Business Issues at Jaipur National University in Jaipur, India, in January.

Zach Frank, director of the physical therapist assistant program, traveled with Washburn students Alayna Nigus and Hannah Boos, who presented papers at the conference.

"They did a fantastic job of presenting their information," Frank said. "The discussion generated was excellent. It was very rewarding to see how much each of them grew through the experience."

Both students earned physical therapist assistant associate degrees. Nigus graduated in May 2013 with her bachelor's in health administration, and Boos will earn the same degree in December. At the conference, the women presented among doctoral students and professional consultants from a variety of countries.

Nigus researched whether the transition from private health insurance to a national health care system, as it was accomplished in Taiwan, was a model for the United States. She found that there will be a need for rewarding efficiency and trimming expenses.

"It started as an idea from a class paper," Nigus said. "He (Frank) told me the information I included could be something really big." She said Frank guided her work and kept her on track. She presented the work at Washburn's *Apeiron* event as well.

Boos researched whether using lean manufacturing principles could improve productivity and efficiency in a patient care setting. That could mean, for example, reorganizing departments so care providers don't spend as much time walking between patient rooms or changing staff scheduling to save money over time.

"You don't work harder, you just work in a better manner to get so much more done," Boos said.

Both students completed the scholarly and creative Washburn Transformational Experience.

"It transformed me, absolutely," Boos said.

She said everything about the trip to the global conference was an eye-opener for her, including layovers in Paris, playing elephant polo, visiting the Taj Mahal and confronting India's extreme poverty.

"There are so many people in the world that have so little," she said. "We have so much. We need to stop wasting so much on our health care, and maybe there would be more for the people who have nothing."



Students Alayna Nigus, left, and Hannah Boos traveled to India in January with Zach Frank, director of the physical therapist assistant program, to present their research on health care topics at a global conference.





## ‘STUDYING TO SERVE’ Respiratory therapy students help screen for heart abnormalities

Respiratory therapy students volunteered to provide heart screenings to about 300 Kansas State University students last fall. Those serving were (back row, left to right) Ashley Smith; Rusty Taylor, Washburn director of respiratory therapy; and Melanie Calkins; and (front row, left to right) Donni Yoder; Desiree Heinemann; Haylee Nguyen; and Renae Hagemann.

Six students in the Washburn University Respiratory Therapy program and their program director traveled to Manhattan, Kan., last fall to help the Anthony Bates Foundation provide free heart screenings.

Anthony Bates was a Kansas State football player who died in 2000 at age 20 after a routine morning practice. It was discovered after his death that he had an enlarged heart. His condition, Hypertrophic Cardiomyopathy, may have been detectable with a screening and could have been treated.

“It was a really good cause,” said Desiree Heinemann, one of the Washburn students who volunteered at the screening event. “I really feel all universities should do something like this.”

After Anthony’s death, his mother, Sharon Bates, started a foundation in her son’s memory with the goal of stopping preventable hypertrophic cardiomyopathy deaths by providing free heart screenings to athletes. According to

the foundation, athletes with undetected heart conditions such as HCM are at risk because exertion during exercise and the transition in the cool-down phase can cause sudden cardiac arrest.

On Sept. 16, the Washburn students helped provide electrocardiograms, or EKGs, to about 300 Kansas State University students: student athletes, cheerleaders and marching band members. Participating Washburn students were Renae Hagemann, Haylee Nguyen, Melanie Calkins, Ashley Smith, Donni Yoder and Heinemann.

Rusty Taylor, director of the Respiratory Therapy Program in the School of Applied Studies, said his students volunteer their skills in a variety of ways, performing asthma and pulmonary function screenings, raising awareness of chronic obstructive pulmonary disease (COPD), and, as in this recent case, performing heart screenings.

Heinemann, a junior from Olathe, Kan., said she appreciated the chance to put what she is studying into practice through service. “Most people with heart problems don’t even realize they have one until they are in critical condition or it is too late,” she said.

“It was a really good learning experience,” she said. “We’re doing something good. We’re studying to serve.”

Links to all of the Allied Health programs web page:

Allied Health - [www.washburn.edu/allied-health](http://www.washburn.edu/allied-health)

## HOSPITAL EXPERIENCE TRANSLATES INTO CLASSROOM LESSONS FOR NEW CLINICAL COORDINATORS

Angie McFarland and Hillary Lolley came to Washburn from St. Francis Health Center in Topeka in 2012 excited for the opportunity to teach and continue learning. Both work as clinical coordinators in their respective disciplines and teach courses in two-year associate degree programs.

McFarland worked as an outpatient occupational therapist with adult neurological and pediatric patients at St. Francis. Before taking the position as lecturer and clinical coordinator for the Occupational Therapy Assistant program, she also worked as an adjunct instructor in the department.

“I really enjoyed that,” McFarland said of teaching. “When the position came open for a full-time faculty, I couldn’t pass that up.”

McFarland continues to fill in as needed at the hospital and is able to share techniques she uses on the job with her students. “It keeps my lectures relevant,” she said. “I can really teach what I’ve done.”

McFarland attended the University of Missouri at Columbia. She lives in Topeka with her family.

Before coming to Washburn as lecturer and clinical education coordinator for the Radiologic Technology program, Lolley worked in interventional radiology and as a physician liaison at St. Francis.

“With clinicals,” Lolley said, “students learn the material and apply it the next day. That’s one of the things I loved about the program as a student.”

Lolley, a 2005 graduate of Washburn’s radiology program, said becoming a faculty member was like coming home.

“I went through the program here. I know the faculty. I know the program,” she said. “The position comes open once in 29 years. It was a huge opportunity.”

Lolley and her husband, Jeff, have two children, Parker and Pearson. The family lives in Topeka.



Angie McFarland  
Clinical Coordinator



Hillary Lolley  
Clinical Coordinator

## LECTURER HONORED

Jean Sanchez recently was recognized for Advanced Proficiency in Education by the American Physical Therapy Association (APTA). Sanchez was one of only 13 individuals in the country to receive this honor and the only one from Kansas recognized this year.

Sanchez serves as clinical coordinator and lecturer in the Physical Therapist Assistant Program in the Allied Health Department. She will receive the award at the APTA national conference in Salt Lake City on June 27.

The award recognizes physical therapist assistants who have achieved advanced proficiency through continuing education, work experience, leadership, community service and consistent above-average job performance as evidenced by recommendations, according to the award criteria.



Jean Sanchez  
Clinical Coordinator



# WASHBURN HOME TO FIRST KANSAS CORRECTIONAL ASSOCIATION STUDENT CHAPTER

Late this fall, Washburn became the first college or university in the state to establish a student chapter of the Kansas Correctional Association (KCA).

The group of about a dozen students hit the ground running with events on and off campus, as well as fundraising and conference attendance. The group was nominated for the New Student Organization of the Year award from Washburn's office of Student Activities and Greek Life and is focused on growth for the future.

Ashley Brown, chair and junior in criminal justice with a corrections emphasis, said the chapter is organized as an on-campus committee of the Criminal Justice Association for now but has its own officers and hopes to grow its membership to include everyone with an interest in corrections.

## Training links students with corrections professionals

The student chapter of the Kansas Correctional Association volunteered to assist the Kansas Juvenile Justice Authority in January as it provided training on campus to about 90 people who work in the Kansas juvenile justice system.

The training, the first partnership of its kind in recent memory, focused on the federal Prison Rape Elimination Act of 2003. In the case of young offenders, juvenile detention centers as well as residential treatment facilities and other locations that house young inmates must adhere to the law. Representatives from all such facilities in Kansas attended the training.

Patricia Dahl, assistant professor of criminal justice and advisor to the KCA student chapter at Washburn, said hosting such training on campus is one way the new student group can establish a relationship with the community.

"We might be small, but we're mighty," Brown said. "For being here just one semester and starting from scratch, we've come a long way."

On April 11, club members were involved in a health fair for women at the Topeka Correctional Facility. On April 20, members participated in a fundraiser for the Kansas Correctional Association by working security at the Kansas Speedway. Group members held a bake sale on campus in March and helped to staff a January training provided by the state's Juvenile Justice Authority.

The KCA student chapter advisor is Patricia Dahl, who focuses on corrections in her work as assistant professor of criminal justice. She serves on the KCA board as an at-large member and broached the idea of creating a student chapter with the group. The students collaborate directly with the board.

Mary Bowie, who graduated in May 2013 with a bachelor's degree in criminal justice with a corrections emphasis, said it was because of her involvement in the student chapter that she found exactly the work she wants to do.

Bowie said she knew she was interested in special populations, but it was a poster she saw at a club meeting that lit a fire in her about working with incarcerated mothers. The poster promoted speakers at a conference in Missouri that several club members attended.

Until that moment, she said, she didn't know there were prisons that kept incarcerated mothers with their children. Turns out, Bowie said, "there are nine prisons in the United States that allow that." Mothers must meet specific criteria to participate in a "prison nursery" program. The closest one is in Nebraska, and Bowie is investigating employment opportunities.

"Without this group," Bowie said, "I would still be waiting for that epiphany."



## WITNESS TO HISTORY

Retired Dallas police Detective Jim Leavelle, center, who played a role in the events following the assassination of President John F. Kennedy, visited Washburn University in April. He is pictured with Nancy Palbicke and Criminal Justice Instructor Tony Palbicke.

The retired Dallas police officer, Detective Jim Leavelle, shared his recollections of the tragic events of November 1963 with a packed audience at Washburn University in April.

Leavelle, 92, is best remembered as the detective who was handcuffed to accused presidential assassin Lee Harvey Oswald and helped escort him from police headquarters when Oswald was shot by Jack Ruby on Nov. 24, 1963. The scene was captured in iconic photographs.

Leavelle was a lead investigator into the assassination of President John F. Kennedy on Nov. 22, 1963, and also investigated the murder of Dallas police officer J.D. Tippit, who was shot by Oswald later the same day.

A graduate of Washburn's Criminal Justice program, FBI Special Agent David Burlew helped arrange for Leavelle's visit, courtesy of the FBI office in Kansas City, Mo.

More than 130 faculty members, students, Kansas law enforcement personnel, administrators, and members of the local community assembled to hear

Leavelle's accounts. The event was covered by all major news media in the area.

Leavelle spoke for more than an hour, reliving his investigation and his duties on that fateful day in 1963 when President Kennedy was assassinated.



Detective Leavelle escorting Oswald during the Ruby shooting.



# HISTORY OF THE SCHOOL OF APPLIED STUDIES

- 1972 Office of Special Instructional Programs (OSIP) created to provide continuing education programs for the university.
- 1976 Gerontology Institute organized by OSIP. Later, Banking, Aviation Technology, Industrial Safety and Health, Postal Service created. Programs later phased out and deleted with changes in enrollment.
- 1983 OSIP became the School of Applied and Continuing Education (SACE) in legislation signed by Governor John Carlin.
- 1987 Kansas Career & Technical Education Resource Center (KCTERC) transferred from Pittsburg State University to SAS. KCTERC produced curriculum materials for community and technical college programs across Kansas. Joint grant sponsorship by Kansas Board of Regents and Kansas State Board of Education. (Closed 2008)
- 1992 SACE becomes School of Applied Studies, and Continuing Education becomes freestanding program.
- 1992 Relationship with Kaw Area Technical School (KATS) formalized with

articulation resulting in credit transfer to Washburn for selected KATS programs. Kansas State Department of Education provides \$50,000 for tuition assistance for KATS students in articulated program seeking an associate degree.

- 1995 Center on Violence and Victim Studies (CVVS) created.
- 1996 CVVS designated as one of five national training centers by the Office for Victims of Crime, USDOJ, in connection with the National Victim Assistance Academy.
- 2001 CVVS becomes the Joint Center on Violence and Victim Studies (JCVVS) with a formal articulation agreement with California State University at Fresno in 2001. In 2004 the University of New Haven articulates as the third JCVVS university.

## ALLIED HEALTH DEPARTMENT

- 1983 Physical Therapist Assistant, AS- Developed by SACE with grant funding from Kelsey & Edna Petro.

- 1983 Radiologic Technology, AS- Developed by SACE. The Washburn program allowed Stormont-Vail and St. Francis hospitals to each close their programs.
- 1984 Radiation Therapy Technology, certificate developed by SACE with grant funding from St. Francis Hospital.
- 1984 Medical Record Technology (Health Information Technology), AS- Developed by SACE with support from Stormont-Vail and St. Francis hospitals.
- 1984 Respiratory Therapy, AS, C (1983)-Moved from KU Medical Center to SACE with grant funding from the Topeka hospitals.
- 2000 Diagnostic Medical Sonography, certificate developed by SAS with grant funding from the Topeka hospitals. Three certificate options were created: General, Cardiac and Vascular.
- 2002 Bachelor of Health Science, BHS- Approved by WU Board of Regents.
- 2004 Surgical Technology, in cooperation with KATS, degree completion coursework approved by Washburn Board of Regents.

- 2007 Respiratory Therapy begins offering online, live laboratory courses, to Salina Regional Hospital students, equipment grant funded.
- 2008 Magnetic Resonance Imaging, certificate developed by the SAS.
- 2008 Computed Tomography, certificate developed by SAS with grant funding from the Kansas Department of Commerce, Workforce Development Fund.
- 2009 Clinical Laboratory Science: Articulation agreement for CLS program with the University of Nebraska Medical Center. SAS received five-year grant for CLS from HINK (Health Innovations Network of Kansas), Stormont-Vail, St. Francis and the Topeka Community Foundation to manage and promote program.
- 2010 Occupational Therapy Assistant, AS-Developed by SAS with grant funding from Walter S. and Evan C. Jones Testamentary Trust Bank of America, Trustee, Midwest Health Inc., St. Francis Health Center, The Sunderland Foundation, Sunflower Foundation: Healthcare for Kansas, Kansas Rehabilitation Hospital and Stormont-Vail Foundation.
- 2012 Physical Therapist Assistant Program begins student exchange program with Mikkeli University in Mikkeli, Finland.
- 2012 Master of Health Science, with an education focus, is approved by Kansas Board of Regents.

## CRIMINAL JUSTICE DEPARTMENT

- 1922 Karl Menninger begins teaching courses in Criminology and Penology.
- 1974 Criminal Justice becomes a separate department.
- 1975 Law Enforcement major option approved, BA.
- 1977-1981 Washburn designated as one of five U.S. Department of Justice Regional Criminal Justice Training Centers. The Center received federal funding for four years.
- 1977 Walt Menninger teaches course in Police-Community Relations.
- 1992 Criminal Justice-Moved to SAS.
- 1992 Criminal Justice degree changed to Bachelor of Science in Criminal Justice.
- 1996 Security Administration major added, BSCJ.
- 1996 Master of Criminal Justice (MCJ)- Approved by the Kansas Board of Regents.
- 2006 Department of Criminal Justice begins summer exchange program with the University of the West of Scotland.
- 2007 Master of Criminal Justice becomes the first program in U.S. certified by the Academy of Criminal Justice Sciences.

- 2009 Sam Houston State University study ranked Washburn's Criminal Justice program 6th in the nation in criminal justice book authorships.

## OFFICE, LEGAL, TECHNOLOGY DEPARTMENT

- 1983 Legal Assistant, AA (1977)-Moved to SACE.
- 1983 Food Service, Hotel & Hospitality Management, AA-Developed by Education-Home Economics Department (1985) is moved to SACE. Program phased out due to duplication of coursework with KATS. (1995)
- 1984 Court and Conference Reporting, AA-Developed by SACE. Program phased out due to changes in enrollment. (1996)
- 1984 Electronic Maintenance Technology, AS-Developed by SACE with Perkins grant funding. Program phased out due to duplication of coursework with KATS, and electronics equipment donated to Washburn Physics Department. (1995)
- 1994 Technology Administration (BAS) developed by SAS.
- 2006 Bachelor Degree in Legal Studies (BLS) approved.
- 2010 BLS moved to Department of Criminal Justice.

1983 Governor John Carlin signs legislation enabling OSIP to become the School of Applied and Continuing Education (SACE).

1985 Food Service, Hotel and Hospitality Management.

1993 Aviation technology.

1983 1983 Faculty and Staff.

1985

1990

1995





# HISTORY OF THE SCHOOL OF APPLIED STUDIES

## HUMAN SERVICES DEPARTMENT

- 1983 Mental Health certificate program moved to SACE.
- 1983 Adult Care Home Administration moved to SACE.
- 1983 Washburn Walkers sponsorship moved to Human Services.
- 1984 Alcohol and Drug Abuse (AA) moved to SACE.
- 1984 Youth Service/Child Care moved to SACE.
- 1993 Bachelor of Applied Science in Human Services approved.
- 1995 Learning in the Community (LinC)-Developed in Human Services with funding from SAS Dean's Office. Transferred to Center for Community Services. (2006)
- 2000 Non-Profit Management, certificate developed by SAS and Public Administration.
- 2001 Victim/Survivor Services, certificate developed by SAS.
- 2003 Department offers Addiction Counseling Certificate coursework (grant funded) at the Prairie Band Potawatomi Nation Tribal Government Center.

- 2006 Developed first Morita Therapy certificate program in the U.S.
- 2012 Master of Arts in Human Services, with an Addiction Counseling focus, approved by Kansas Board of Regents.

## SOCIAL WORK DEPARTMENT

- 1959 First Social Work courses taught in Sociology Department.
- 1967 Social Work major approved, BA.
- 1974 Department becomes one of the first programs in U.S. to receive Council on Social Work Education accreditation.
- 1988 Department changes degree to BSW.
- 1992 Department moves to SAS.
- 1995 Social Work, Master of Social Work degree approved by Kansas Board of Regents.
- 2007 Social Work and the School of Law develop dual MSW-JD degree option.

## KATS/WASHBURN TECH/WASHBURN UNIVERSITY/SAS

- 1990 President charges dean of SAS to develop plan for Washburn to offer associate degree completion proposal with Kaw Area Technical School.
- 1991 Washburn Board of Regents approves first AAS degree completion curriculum for the Horticulture Program at KATS.
- 1993 Washburn Board of Regents approves two new majors: Industrial Technology and Design Technology, AAS degree options with KATS. Twelve additional KATS programs are incorporated under these two majors.
- 2008 Washburn University Board of Regents assumes control of KATS from Unified School District 501.
- 2009 Washburn Board of Regents changes KATS name to Washburn Institute of Technology.

## SAS MILESTONES

- 1987 SAS establishes first computer lab at Washburn with 20 stations, grant funded.
- 1987 Radiation Therapy becomes first national distance education program at Washburn.
- 1992 First university to offer associate degrees with area technical school in Kansas.
- 2000 & 2002 First 2+2 Program with community colleges with KCKCC (CJ, HS-Addiction Counseling & Victim Services focus). (developed 2000, implemented 2002)
- 2000 First online degree completion option offered by Criminal Justice and Human Services departments.
- 2004 SAS installs a grant-funded wireless system in Benton Hall to become the first unit on campus to have wireless connection.

## GRADUATES SUCCEED ON CREDENTIALING EXAMINATIONS

- In 30 years, all but one cohort of SAS program graduates have scored above the national or state average on their respective credentialing/licensure examinations.

## 30TH ANNIVERSARY

Celebrate 30 years of the School of Applied Studies during Homecoming 2013 by attending an open house Friday, Oct. 25 from 2-4 p.m. in Benton Hall and the OTA and PTA labs at Petro Allied Health Center. Continue the celebration at 4 p.m. at the Washburn Alumni Association's After Hours gathering at Bradbury Thompson Alumni Center.



2008 Respiratory Therapy students learn to intubate using video Laryngoscope.

2010 Respiratory Therapy students experience simulated resuscitation via Sim Man.

2011 PTA students practice passive range of motion.

2013 Social Work and Human Services team up to discuss therapeutic interventions.

2005

2010

2012

2015





## THERAPEUTIC WRITING IS SERVICE FOR WILKINSON, TREATMENT FOR MANY



Iris Wilkinson  
Associate Professor, Human Services

What has become a passion for Iris Wilkinson, associate professor of human services, began as a personal challenge to hold herself to the same standard to which she holds her students.

Wilkinson, who is in her 35th year of teaching at Washburn, requires students in her introduction to human services course to complete community service. But, she said, about seven years ago she herself wasn't doing any service.

A friend pointed her to the Douglas County Correctional Facility in Lawrence, which was looking for someone to lead its writing group for inmates. Today, she leads that group and others in her hometown of Lawrence and in Topeka.

Wilkinson, a licensed clinical addiction counselor, took a semester-long academic sabbatical to study writing as a therapeutic form. The results of that sabbatical are many. She has earned certification as a journaling facilitator and is working toward certification from the National Federation for Biblio/Poetry Therapy. She is working on a guided journaling book. She has created a new class – Writing for Change – that will be offered for the first time this summer. And she has become a published poet. The work has allowed her to rediscover her own inner poet while helping others to do the same.

"I've learned more and more and more," Wilkinson said. "I write all the time. The whole creativity process, it spills over into other aspects of your life."

Beginning two years ago, Wilkinson connected with Sharon Sullivan, associate professor of theatre, who was working with women at the Topeka Correctional Facility to produce Eve Ensler's play "Any One of Us: Words from Prison." After the performance, the inmates involved wanted to continue their work and write a play of their own.

One inmate, who knew Wilkinson from her work with a treatment facility in Lawrence, suggested Sullivan contact Wilkinson.

"My job was to facilitate their writing," Wilkinson said. "Sharon took the material and created it into a play," which was performed in 2012. The writing group continues with 18 women who write everything from poetry and song lyrics to essays and stories. More than 40 women applied to participate in the group, led by Sullivan and Wilkinson. The women are planning a coffee-house-style reading at the correctional facility in June.

"They say, 'If you want to change your life, change your story,'" Wilkinson said, adding that the latest neuroscience research suggests there is truth to that. "It all fits. The act of writing actually changes neural pathways in the brain."

## NEW MASTER'S OPTION HAS INITIAL EMPHASIS ON ADDICTION COUNSELING

In the fall of 2012, the Department of Human Services accepted the first cohort of students into its newest program, the Master of Arts in Human Services with emphasis in addiction counseling.

The new offering was spurred by a change in Kansas law that requires a master's degree in order to become a licensed clinical addiction counselor. In addition, a four-year degree, rather than a two-year degree, now is required to be a licensed addiction counselor, explained Brian Ogawa, chair of the Human Services Department.

"That prompted all of us," Ogawa said. Curriculum for a Master of Arts was developed, and addiction counseling is the first emphasis to be offered.

The Washburn Board of Regents and Kansas Board of Regents both approved the new Master of Arts in Human Services in 2012. Ogawa received word in early April that the addiction counseling curriculum had been approved and accepted by the state's Behavioral Science Regulatory Board (BSRB). Only one other institution in the state currently offers a master's-level degree with the same approval.

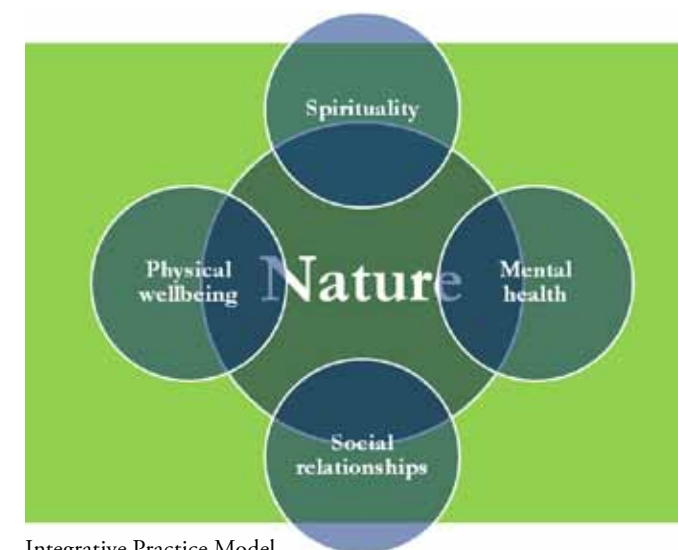
There are a number of students in the first class of the new program, with recruitment underway for the second

cohort. The two-year program includes 36 credit hours and can be completed online. Students who wish to be licensed in Kansas are required to attend two classes in person. The program also includes practicum and field experiences. Students living in Oklahoma, Arizona and Kansas currently are enrolled. The first group of students will graduate in May 2014.

The benefit of having a master's degree and being a licensed clinical addiction counselor, Ogawa said, is practitioners can go into private practice and accept third-party payments. A licensed addiction counselor with only a four-year degree cannot accept insurance payments.

Washburn's program includes some coursework not required by the BSRB, Ogawa said, including a course on integrative human services. The department has surveyed students and is exploring the possibility of adding another emphasis to the master's program, Ogawa said, which would concentrate on integrative human services, including environmental, spiritual, social, psychological and physical wellness.

"Students are asking us to expand," Ogawa said. "We have the foundation for it. We'll have to grow and stabilize the addiction counseling program first."



Integrative Practice Model



# EMOTIONAL COMPONENT TO PHYSICAL THERAPY

Social work student taps therapy skills to explore mind-body link

Social work professor Jim Smith mentored Sarah Ruiz, a master's degree student, in her research exploring how physical therapy patients' emotional well-being affected their outcomes. Her findings are being published in the International Journal of Physical Therapy.

Sarah Ruiz was driven by a question. Working as a physical therapy assistant, Ruiz noticed patients returning again and again for the same issue.

Why were some of her patients coming back when there was no physical sign of injury?

That question led her to pursue a bachelor's of social work degree (2011) and then a master's in social work. She graduated with her master's in May 2013. The question also led her to pursue independent research with Jim Smith, professor of social work.

Now, Ruiz is awaiting publication of her original research findings in the international Journal of Physical Therapy.

Ruiz used an emotional intelligence test to measure patients' emotional well-being as it related to their pain and injury. Smith guided her as though she were completing a thesis. The research shows that in some cases, while the patients' pain was decreased, there was an unaddressed psychological component that manifested in lasting effect.

"Physical therapists aren't trained to treat the psychological," Ruiz said. "I want to develop a more holistic approach to treatment."

While taking a clinical practice course from Smith, Ruiz decided to ask him about an independent study opportunity. The pair met weekly, and Ruiz has presented her work to faculty groups and others.

When Ruiz's work was done and her paper written, Smith encouraged her to submit it for publication.

"I was riding on a high," Smith said. "She had done such a good job on it, I thought, 'Let's see if we can get it published.'"

The pair said the publication process was surprisingly easy. Ruiz was not asked to make any changes to her work after the peer review.

Ruiz and Smith have been informed that Ruiz's conference proposal has been accepted for a Paper Presentation in a Themed Session at the Fourth International Conference on Health, Wellness and Society at the University of British Columbia-Robson Square, Vancouver, British Columbia, March 14-15, 2014.

Smith is now helping Ruiz plan an expansion of her research, and the duo is seeking forums where Ruiz can present her work and gain feedback from others in the field. That expansion is likely to focus on how to best train practitioners with interdisciplinary medical skills.

"She's a PTA and social worker, not a researcher," Smith said. "She has a good idea. You can see the spark in her eyes. These are the kinds of people who should be encouraged."

Ruiz continues to work as a physical therapy assistant and said she spends more time listening to her patients: "It's important that we really focus on the personalization for that patient."

# DONOR HONOR ROLL

The School of Applied Studies extends thanks to the donors whose generous gifts were received between July 1, 2011, and June 30, 2012. The new donor list will be available after July 2013. These gifts designated to the school are used to address the greatest needs within all four departments. The generosity of SAS alumni, faculty and friends helps to maintain the excellence in education for which Washburn has become known.

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Daniel Lukowski '04  
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Debbie Scarlett  
Ron '80 & Brenda '80 Schweer  
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## DEPARTMENTS

### *Allied Health Department*

Clinical Laboratory Science (BHS)  
Computed Tomography (C)  
Diagnostic Medical Sonography (C)  
Health Care Education (MHS)  
Health Information Coding (C)  
Health Information Technology (AS)  
Health Services Administration (BHS)  
Magnetic Resonance (C)  
Medical Imaging (BHS)  
Occupational Therapy Assistant (AS)  
Physical Therapist Assistant (AS)  
Radiologic Technology (AS)  
Radiation Therapy (C)  
Respiratory Therapy (AS)  
Technology Administration (BAS)

### *Criminal Justice & Legal Studies Department*

Corrections (BSCJ)  
Criminal Justice (AA, BSCJ, MCJ)  
Law Enforcement (BSCJ)  
Legal Studies (C, AA, BLS)  
Military & Strategic Studies (Minor)  
Security Administration (BSCJ)

### *Human Services Department*

Addiction Counseling (C, BAS, MA)  
Human Services (AA, BAS)  
Morita Therapy (C)  
Non-Profit Management (C)  
Victim/Survivor Services (C)

### *Social Work Department*

Social Work (BSW, MSW)  
Social Work with School of Law  
(MSW-JD)

### *Associate Programs with Washburn Institute of Technology*

Culinary Arts (AA)  
Design Technology (AS, AA)  
Industrial Technology (AS)  
Legal Studies (AA)  
Office Administration (AA)  
Surgical Technology (AS)

## DEGREES AND CERTIFICATES

AA—Associate of Arts  
AS—Associate of Science  
BAS—Bachelor of Applied Science  
BHS—Bachelor of Health Science  
BLS—Bachelor of Legal Studies  
BSCJ—Bachelor of Science in  
Criminal Justice  
BSW—Bachelor of Social Work  
MA—Master of Arts Human Services  
MCJ—Master of Criminal Justice  
MHS—Master of Health Science in Health  
Care Education  
MSW—Master of Social Work  
MSW-JD—Master of Social Work-Juris Doctor  
C—Certificate

## *Our Mission*

*Provide quality professional programs in areas that respond to the needs of the community and region.*