

Psychology Newsletter

Summer
2011



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**WICHITA STATE
UNIVERSITY**

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A Successful Year

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Congratulations on another successful year. The department continues to be very productive as illustrated by publications in prestigious journals, the placement of clinical, community and human factors students in competitive internship/practicum sites and success in securing external grant support which totaled approximately \$1.3 million in 2010. In addition, our doctoral students received a number of awards for their research. Keep up the good work!



*Dr. Alex Chaparro
Department Chair*

**Congratulations to the
thirteen PhD graduates of Fall
2010 and Spring 2011!**

Newsletter compiled by
Andrew Miranda
2nd year, HF

Clinical Alumnus



Jason Deselms received his masters degree in Clinical Psychology from Washburn University in 1999, and then began the Clinical/Community PhD program at WSU later that year.

From the start, Dr. Deselms loved the WSU program.

"I greatly enjoyed my time at WSU, especially the mentoring that I received from Dr. Darwin Dorr. His ready availability to his students and genuine caring for their wellbeing was obvious. The curriculum was strong and has prepared me well for my career as a psychologist. Given that I already had my clinical license at the Master's level I was able to work as a crisis therapist in the community while attending school which provided me with valuable experience with individuals experiencing an acute emotional crisis. In addition, I enjoyed being very active in research regarding

adolescent personality assessment during my time at WSU and was able to present multiple posters at several different conferences. I was fortunate enough to be able to remain in Wichita for my clinical internship at the Wichita Collaborative Internship Program (WCPIP) with KU's School of Medicine being my primary site."

Dr. Deselms earned his PhD in July of 2004. He accepted a position as a psychologist for COMCARE of Sedgwick County's Community Support Services where he was able to work with individuals with severe and persistent mental illness.

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Clinical Program

As always this past year has been a busy one for the community-clinical program. One of the biggest news items is that we were re-accredited for five years by the Commission on Accreditation CoA. This did not come without some painful criticism (some fair and some unfair) that we had to address. Overall, however, the CoA seemed to be positive about our model.

Three senior students (Lisha Bullard, Melissa Jenkins, and Shani Roberts) successfully completed their clinical internships and defended their dissertations. Congratulations to Drs. Bullard, Jenkins and Roberts!

Melissa also completed her year long clinical internship as did Andrea Reed. Students who secured clinical internships for this coming year are Christi

Marvin, Marissa Wachlarowicz, Alexandra Wagener, and Desirae Moreno. The matter of securing clinical internships deserves some additional comment. All clinical students in the nation are required to complete a year long internship. Over the past several years the number of applicants to internships has increased and the number of internship slots has decreased. There are not enough internships to go around. In any given year about 25% of applicants are turned away. Here at WSU our students have been very successful in obtaining high quality internships. This is a major accomplishment. We believe this reflects on the high quality of the program and our success in attracting high quality students. We would like to introduce our incoming class. Bryna Bordovsky

is out of Benedictine College in Atchison, KS. Nichole Schmidt comes from Creighton University in Omaha, NE, Sarah Staats is one of WSUs own, and Erin Thompson is out of DePaul University in Chicago. Welcome new students! Since we received accreditation in 2005 the number of applications the program receives has increased each year so admission time in February is increasingly busy. But that is good news.

During this past year the

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Dr. Darwin Dorr, Clinical Program Coordinator

Clinical Students Awarded Armed Forces Scholarship

Since 1972, the Armed Forces Health Professions Scholarship Program has awarded exceptional but a small number graduate students all over the country with substantial scholarships. This year two of those students were Callie J. Brockman and Emanuel J. Vondran, both 3rd year Clinical students at Wichita State University.

With this scholarship, Callie and Emanuel have been commissioned as 2nd Lieutenants in the Air Force (the Armed Forces branch awarding the scholarship). Additionally, their tuition, books, and other fees are paid for and they will receive a yearly stipend for their remaining years in graduate school. Upon completion of their degrees, they will begin their commitment to the Air Force in which they will be active duty officers and practicing psychologists for a minimum of three years.

Being a psychologist in the Air Force has always been a dream for Callie. "I have been in the Air Force

Reserves for the last seven years, and since joining I knew I wanted to be a psychologist in the Air Force whether in the reserves or active duty," she says. "I gathered some information about the scholarship from other Air Force psychologists and determined that it would be a great opportunity for me to reach my goal of becoming a psychologist in the Air Force."

With this scholarship, Callie and Emanuel are now eligible to apply for clinical internships in the Air Force. If accepted, they can begin their active duty commitment during their final year of graduate school before completing their degree. These internships take place in one of three locations: Wilford Hall Medical Center at Lackland Air Force Base (AFB) in San Antonio, Texas; the Medical Center at Wright-Patterson AFB near Dayton, Ohio; Malcolm Grow Medical Center at Andrews AFB in Washington, D.C.

Emanuel is eager at the chance to work for the Air Force. "The



U.S Air Force provides clinical psychology graduate students with the ability to diagnose and treat a wide spectrum of psychological conditions. They also provide some of the best training in our field while also providing me with a very stable place of employment. I applied for this internship so that I may further my training as a psychologist while also gaining expertise in operations and administrative interests."

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(Clinical Alumnus, continued from page 2)

"This position allowed me the opportunity to develop a psychological testing service through which I supervised pre-doctoral interns completing psychological assessments. Two years later I took over as the Director of Crisis and Access Services for COMCARE which entailed oversight of three programs (2 of which were 24-hour programs).

"While I was very pleased in my position at COMCARE, I was eventually recruited to

the VA Medical Center with the opportunity of building a suicide prevention program. The challenge of building a program from scratch was too appealing to pass up. I am currently the Suicide Prevention Coordinator for the Robert J. Dole VA Medical Center in Wichita, Kansas. In this capacity, I am responsible for VA staff education and training regarding suicide prevention; screening and intervening with high risk veterans; and community outreach activities which educate important community partners regarding

the specific needs of veterans and their families. I am tasked with identifying and disseminating information regarding best practices within the field and greatly enjoy working with a variety of professionals. In my work I operate within the public health model for suicide prevention which entails developing primary, secondary, as well as tertiary strategies for suicide prevention. I am fortunate to have the opportunity to work closely with

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Clinical Internships

Desirae Moreno will begin her internship at the Berea Children's Home and Family Services in Cleveland, Ohio later this year. This doctoral internship will consist of a school rotation and an in-home family therapy rotation. Desirae will spend two days per week in an elementary or middle school and an additional two days per week with families in inner City Cleveland. The remaining day will consist of assessment, group therapy, and training. Desirae will

work under the direction of Dr. Kathleen Payne.

Alexandra Wagener is currently serving her predoctoral internship at the University of Oklahoma in Norman, Oklahoma. Alexandra is working as a therapist for students in the Counseling and Testing Center. Additionally, she is working with the Athletic Department as a sports psychologist for the athletes, coaches, and athletic administration. Alexandra is



finish her internship in July of 2012.

working under the direction of Dr. Karen Vaughn of the Counseling and Testing Center and Dr. Carmen Tebbe of Psychological Resources for OU Student-Athletes (PROS). She will

(USAF Scholarship, continued from page 3))

Before beginning their commitment, both students must complete the 6-week Commissioned Officer Training (COT) at Maxwell AFB in Montgomery, Alabama. Here they will learn the basics of being in the military, such as marching and ceremony drills, communication

skills, military studies, as well as pass a physical fitness test. Once completed, they can begin their commitment to the Air Force. They will either serve their minimum required three years or may choose to serve longer.

"It is a great honor to be a recipient of this scholarship," says Callie. "Only a small percentage of

people are chosen as recipients. I believe that it will be a very rewarding and demanding position. It is a great honor for me to work with and serve the individuals that have dedicated their lives to defending our country."

(Clinical Alumnus, continued from page 3))

the Department of Defense, law enforcement, first responders, community mental health centers, as well as other important stakeholders in the community in improving the overall care that Veterans receive."

"While I still enjoy the clinical aspects of my job, the bulk of my work recently has been spent on public education and providing professional presentations in the community. My position also allows me to collaborate

with other community groups and I am currently the Co-Chair of the Sedgwick County Suicide Prevention Coalition."

Dr. Deselms and his wife Crystal live in Wichita with their two children, son Jordan, 13, and daughter Lindsey, 10. Dr. Deselms is an active member of the Wichita community.

"I feel it is important to give back to the field of psychology through volunteer opportunities. Since graduating from WSU I remained active with my state

psychological association and am the Past President of the Kansas Psychological Association. It has been through these experiences that I learned some of the most valuable lessons regarding leadership and making lasting change in the community. I have tried to model my professional work based off the following anonymous quote, "A good leader inspires people to have confidence in him; a great leader inspires them to have confidence in themselves."

Recent Clinical Graduates

Lisha Bullard
Melissa Jenkins
Shani Roberts

Community Alumna

The educational career of Dr. Ruth Wetta-Hall was nothing short of a journey. Before beginning her PhD program in 2000, she earned a BS from WSU in 1978, a master's degree in nursing from WSU in 1992, and a master's in public health from the University of Kansas in 1997. These degrees helped her excel in the Community graduate program at WSU.

"When I began in the program, I was already holding a position at the University of Kansas School of Medicine in Wichita (KUSM-W) as a teaching associate and working on a community health assessment and improvement project. Because of this position, I was not necessarily a typical graduate

student. It actually worked out marvelously for me because I was able to use everything I learned from WSU and apply it immediately to my position at KUSM. Charlie (Burdsal), Greg (Meissen), Rhonda (Lewis), and Lou (Medvene) were all great for me. They allowed me to be flexible with my school schedule while I maintained my role at KUSM. I always had an interest in both my role as a student and my position at the medical school, and the courses at WSU were great and I learned plenty from my interaction with the students and faculty."

Dr. Wetta-Hall's experience inside the classroom at WSU was a catalyst for her successful performance at KUSM. "The



courses at WSU were structured in a way that made them applicable outside the classroom. Dr. Burdsal's statistics course in particular was one where I had to design a whole study. This class was incredibly

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Community Program

The Community Psychology Doctoral program is considered one of the top community psychology programs in the country and this academic year was particularly outstanding with the awarding of seven PhDs to Susannah Brown, Jamilia Sly, Oliwier Dziadkowiec, Emily Grant, Carissa Coleman, Jamie Deleeuw and Diane Peltier. This exceptional group of graduates has jobs and post-doctoral fellowships in excellent universities and organizations across the county doing important work teaching, conducting research and practicing community psychology. While awarding six PhD's in an academic year is outstanding for any graduate psychology program in the country and especially at WSU that accomplishment does not rival the quality and



accomplishment of our graduates. The WSU Community Psychology Doctoral Program stood out at our national Community Psychology conference, the Society for Community Research and Action (SCRA) Biennial Conference, held in Chicago in June. Students and faculty had numerous presentations, symposium,

Congratulations to Dr. Greg Meissen, winner of the Society for Community Research and Action award for Distinguished Contributions to Service in Community Psychology!

innovative sessions, round-table discussions, plenary addresses, and research posters. In fact, the WSU Community Program had the greatest presence of any program in the county at the Biennial Conference that included Greg Meissen receiving the SCRA Distinguished Service Award.

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Karen Countryman-Roswurm earns APA Task Force position



Karen Countryman-Roswurm, a Community PhD candidate, has been invited to serve as a member of the American Psychological Association (APA) Board for the Advancement of Psychology in the Public Interest (BAPPI) Task

Force on Trafficking of Women and Girls Cadre of Experts. This task force will set out to “review the state of the literature of theory, research, and practice relevant to the trafficking of women and girls. This review will include definitions, prevalence, nature, psychological, physical, and social effects, prevention, identification, intervention, and recommendations for future research, training, practice, and policy.”

The task force will produce a report that identifies the important areas where those who work to prevent and intervene human trafficking can “work together with other entities to effectively prevent and intervene

in these human rights violations against women and girls.”

Karen is eager to begin this important mission. “I am excited and honored to work along side researchers of whom work I have studied for years. I am also thrilled to bring my more than 14 years of practice in serving young people at-risk of and/or subjugated to domestic minor sex trafficking to the academic world. I have worked with this population for many years – providing basic care on the streets, tracking and interviewing through the Midwest Longitudinal Study of Homeless Adolescents, providing mental and emotional health therapy, engaging in advocacy and

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(Community Alumna, continued from page 5)

helpful with my role at the medical school, where they typically want to stick with epidemiology. But there is really a need to have a broader perspective and approach in the design methods and application of statistics, and my experiences at WSU have encouraged that practice.”

After earning her PhD in 2004, Dr. Wetta-Hall earned a tenure-track position as an assistant research professor at KUSM-W in the Preventive Medicine and Public Health Department. On July 1st of this year, she earned tenure and was promoted to associate professor, which is impressive given there are different guidelines and rules to earn tenure for non-physician professors at the medical school.

She is currently teaching in three different programs at the medical school: the master of public health program, the master of clinical research program, and

the school of nursing. Additionally, Dr. Wetta-Hall is performing ongoing community based research.

“Some of the research I have been working on the past 5 years has been attitudes towards sexual activity among adolescents and the evaluation of management programs in vulnerable populations. I am also currently serving as interim chair of the department, which provides nice overlap with my teaching positions. I do, however, look forward to getting back into my research as soon as we find a full-time chair.”

Dr. Wetta-Hall’s roles as an interim-chair, researcher, and professor were profoundly shaped by her experiences at WSU.

“What I learned from my professors at Wichita State was to be a good listener. I get joy out of being able to facilitate dialog and craft a research design alongside expert groups all over the state.

There are a lot of groups around that do tremendous work, and they do not necessarily have the skillset to measure the impact they have on the community. I think it validates their hard work and it also makes me a better researcher, not to mention the positive impact on the community. And my time at WSU taught me not only how to perform those measurements, but how to interact with those groups as well. These are both valuable skills when performing community research.”

“Teaching courses such as public health administration, public health evaluation, and quality improvement at KU Med are all about measurement. It is about what is the right design for this specific situation for this organization, and the PhD program prepared me very well. I am truly very proud of the education I received at Wichita State University.”

Community Practica

Justin Greenleaf earned his practicum experience at the Kansas Leadership Center (KLC)



located at in Wichita, KS. His role has been project manager and the project he has been

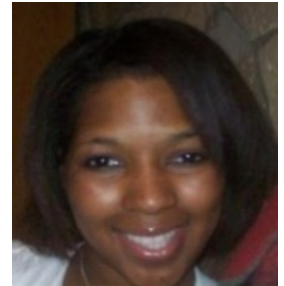
working on is the KLC Online Experience. The KLC Online Experience is intended to be a way to bring the KLC curriculum online so that a greater number of participants will have access to it. To accomplish this task, Justin worked with a core team of individuals at the KLC to create modules that will be used to facilitate an online experience through the KLC website. The KLC is an innovative and exciting

place to be and Justin feels very fortunate to be involved with such a great organization.

Chris Kirk worked his practicum at the Center for Health Equity at the Sedgwick County Health Department. Working closely with Director Roderick Harris and staff, he led two projects central to the mission of the Center. First, Chris researched and created a series of issue briefs on top health concerns within Sedgwick County. These included infant mortality, diabetes, and cardiovascular disease. Second, he led a photovoice project, in which youth from various groups took photos of and wrote stories about things which affect the health within the community. In May, students shared their photos and

stories in a private reception for local decision makers and public showing during Final Friday.

Felecia Lee served her practicum at the University of Kansas School of Medicine in Wichita. She earned a position as a research assistant under the direction of Dr. Gina Berg. Felecia earned experience working with statistical analysis and preparing manuscripts for submission. She was also involved in developing research protocol and participated in collecting data.



(Karen Countryman-Roswurm, continued from page 6)

public policy development, etc – and now I am blessed to have the opportunity to share and learn from others in a manner that will extend knowledge and best practice in the area of human trafficking to others who care to engage in this modern-day abolitionary movement.” Bridging the gap between direct practice, academia, research, and policy has always been a goal of Karen’s. She has been nationally recognized, and has received many awards for doing just that, particularly, for her specialization in working with homeless, runaway, and throwaway youth

(HRTY) and young people who are sexually exploited.”

Karen was also recently interviewed and filmed as an Expert on Domestic Minor Sex Trafficking by End Child Prostitution Child Pornography and Trafficking of Children for Sexual Purposes ECPAT-USA (a national non-for-profit including a network of organizations and individuals working together to eliminate the commercial sexual exploitation of children around the world) and WITNESS (an international human rights organization that provides training and support to local groups to use video in their human rights advocacy campaigns).

The production of such human trafficking film is federally-funded and is particularly created to inform legislators, policy-makers, US Attorneys, District Attorneys, and others working within the political and legal system in state-to-state and federal law and legal service treatment provision.

Karen is advised under Dr. Greg Meissen and plans to graduate this year. Her dissertation title is “Girls Like You, Girls Like Me: An Analysis of Domestic Minor Sex Trafficking and The Development of a Risk and Resiliency Assessment for Sexually Exploited Youth.”

Recent Community Graduates

Susannah Brown
Carissa Coleman

Oliwier Dziadkowiec
Jamie Deleuw
Emily Grant

Diane Peltier
Jamilia Sly

Clinical Program *(continued from page 2)*

community-clinical program began a "Brown Bag" based largely along the lines of Tea Time. Some faculty research was presented but generally we have tried to make it an informal opportunity for students to try out new research idea, to share new methodology, work through knotty dissertation design issues, preview posters and talks, and in one case gave a dry run of a dissertation defense. How about our graduates? The majority of our graduates are in practice (public and private) in states ranging from Texas to Nebraska. To mention a few: Jennie Harshbarger had been at the Counseling Center at Clemson

University but has returned to Wichita and is now at the Dole VA center. Mike Dixon and Renee' Patrick are at Parsons Hospital. Robin Heinrichs is an Assistant Professor at KU School of Medicine. Regg Adkisson teaches at Western Illinois and Amber McEachern did a two year research post doc at the Child and Family Center, University of Oregon and is now working on another postdoctoral fellowship at the Mind Research Institute in Albuquerque, NM. Brett Scofield is at the counseling center at George Mason University. Matt Woolley is at the University of Utah School of Medicine. Kathy Girrens completed medical

school and a four year psychiatric residency and graduated in May. She has leased office space and is practicing psychiatry currently. Joy Prichard has returned to the area and has taken a position at Prairie View. Mike Schoenberg is Chief Neuropsychologist at the University of South Florida School of Medicine (Neurology) and co-edited a book on clinical neuropsychology that just came out this summer. Mariann Suarez is also at the University of South Florida School of Medicine (Head of Child Psychology) and she has co-written a book by the title of Motivational Interviewing with Adolescents and Young Adults.

Community Program *(continued from page 3)*

Our current students are dedicated, hard working and intellectually talented and are also involved in community psychology at a national level. Sharon Hakim was elected to the SCRA Council of Education Programs and is an active member of the SCRA Council on Community Psychology Practice. She is doing an internship this summer with Bill Neigher at Atlantic Health, who ran is the SCRA Practice Council Representative. Oli Dziadkowiec, Chris Kirk, Mike Lemke and Kyrach Brown are also members of the SCRA Community Psychology Practice Council. Karen Countryman-Roswurm has just been selected to serve on the elite American Psychological Association Board for the Advancement of Psychology in the Public Interest Task Force on Trafficking of Women and Girls. The faculty continues to be

deeply involved in community psychology at the national level, state and local level. Rhonda Lewis is on the Executive Committee of SCRA and serves on the SCRA Council of Education Programs. Greg Meissen is a founder and co-chair of the SCRA Practice Council which has done some excellent work including the launch of the new Global Journal of Community Psychology Practice and is collaborating with the Council on Education Programs to develop national competencies for community psychology. He also was awarded the prestigious Kansas Health Foundation Community Leadership Award. Lou Medvene among many other activities continues his research and community work on the development more effective and sustained caregiver and resident relationships particularly in long term care facilities which have

impacts at the national and local level. Charlie Burdsal, retired as Chair of Psychology after serving the Department so well for 28 years, is anything but retired as a faculty member in the community psychology program and is dedicated to the students that work with him and the growth and excellence of our program. While active at the national level, our students, graduates and faculty have an even greater impact in their own communities and in Kansas.

We are involved in a decade of great promise for community based research and intervention which Kathleen Sebelius, Secretary of Health and Human Services, has called a time for a greatly enhanced community and public health. This is a great time for community psychology nationally and community psychology at Wichita State University.

Human Factors Alumna



Traci Hart earned her first of three degrees from WSU in 2001 with a BA in Psychology and Women's Studies. Even before beginning her PhD program, she established herself in the Human Factors program.

"I worked with Barbara Chaparro through her contacts

at the Larksfield Place Retirement Center in the Learning Resource Center in 2000. I was an independent consultant hired to train the residents on using their home computers. After starting the program in 2001, I continued working at Larksfield Place as a Graduate Research Assistant in the Cramer Reed Center for Successful Aging (which closed in 2005). In collaboration with other HF GRAs we ran studies in their Living Laboratory for older adults; doing research in mental and physical functionality, balance testing, and driving performance (to name a few). I stayed at Larksfield as a GRA until I started my internship in 2005, and I continue to assist with

their Annual Functional Fitness Assessments."

Dr. Hart's dissertation examined health information technology.

"Through contacts at the Wichita Business Coalition of Health Care and the Medical Society of Sedgwick County, I became interested in the health information technology domain and the potential uses of patient health data for communicating information between medical providers and to improve physician-patient communication. I focused my dissertation on personal health records where little research had been conducted."

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Human Factors Program

The Human Factors program continues to thrive and is known as one of the best HF graduate programs in the country. Three HF students graduated from the program this year – Doug Fox, Adam Probst, and Nichole Morris. Doug is now working at Google, Adam is working at Baylor Health Care, and Nichole is actively seeking a post-doctoral research position. In addition, six students gained internships at Dell, 3M, State Farm Insurance, Motorola, and Cox Cable.

The HF faculty have been extremely productive this year with research, grants/contracts, and teaching:

My SURL lab has been working with industry across the country exploring user performance

with a variety of mobile devices, website usability, software design and evaluation, and requirements gathering. We also continue to examine the use of eye tracking measures in the assessment of website usability. SURL member Justin Owens, and faculty B. Chaparro and E. Palmer recently published a paper in the Journal of Usability Studies regarding an eye tracking analysis demonstrating text ad blindness on web pages. Doug Fox and I, along with Dr. Merkle and A. Chaparro also published a paper regarding the legibility of different onscreen typefaces. Other current lab research includes voice recognition on mobile devices, examination of first impressions of websites, and eye tracking



Dr. Barbara Chaparro, Human Factors Program Coordinator

analysis of search result pages and website calls to action.

Dr. Evan Palmer was awarded the 2011 LAS Summer Support Research Fellowship for work on air traffic control displays to improve controllers' situation awareness and ability to detect

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Collaboration with Children's Mercy Hospital

After a successful collaboration in 2010, in which HF alumnus Adam Probst conducted research on the impact of default settings for test ordering in electronic medical records, Wichita State University and Children's Mercy Hospital are launching two new research projects. Dr. Evan Palmer, Dr. Barbara Chaparro, Dr. Alex Chaparro, and graduate student Sarah Fouquet from WSU HF are collaborating with Dr. Raymond Chan and Dr. Julia Simmons from Children's Mercy Hospital on several new projects.

The first project will examine the multitasking demands of different departments within Children's Mercy Hospital, and how well employees' multitasking

preferences align with the demands of their department. This project will then examine the effects of task interruption on doctors and nurses in high-multitasking environments.

A second project is focusing on the introduction of iPads into the workplace so that doctors and nurses can access electronic medical records (EMRs) at patients' bedsides. Researchers from WSU will perform a usability study of the EMRs on both the PC and the iPad to identify potential areas for improvement.

"We are very eager to continue this great collaboration with Children's Mercy Hospital," says Dr. Palmer. "They are doing such outstanding work up there and we



Children's Mercy Hospital in Kansas City, MO

are excited to be a part of it."

Sarah has been interested in improving health technology for several years. Her son Noah, 5, was born with a life-threatening heart defect and spent 6 weeks at Children's Mercy.

"My family will always be grateful. To have an opportunity to give back is such an honor."

(Human Factors Alumna, continued from page 9)

After earning her PhD in December of 2009, Dr. Hart was promoted to Research Assistant Professor at University of Kansas School of Medicine in Wichita, where she interned since the fall of 2005 in the Department of Preventative Medicine and Public Health.

"[I] began working on a project with Drs. Amy Chesser, Cari Ahlers-Schmidt (Community-Clinical alumna), and Angelia Paschal to research the application of text messaging technology to improve immunization rates for young children. I also became a Health Scientist Researcher for the Robert J. Dole Veterans Medical Center working with large research databases of veteran's health information and studying their MyHealthVet online domain for

collecting and communicating patient health information."

Dr. Hart has changed careers since spending a year in the health-care domain.

"In 2011, I did a 180 from working on health-care related HF topics and shifted to HF aviation. I began working for WSU as a Research Scientist with Alex Chaparro and Bonnie Rogers (HF alumna) in the National Institute for Aviation Research (NIAR)/HF Psychology Lab. I am currently working on Alex's NIAR grant with General Atomics Aeronautical (GA-ASI) to provide human factors support in the design, development, implementation, and evaluation of an improved Advanced Cockpit Ground Control Station capable of controlling Unmanned Aerial Vehicles (UAVs). This is the fifth year of the grant

which has been a project many HF graduate students have worked on (graduate student Michael Castaneda is currently working for GA-ASI as an extension of his internship and work on this project). A bulk of the current work is in documentation and usability testing of the product. This contract is unique in that HF support was brought into product design and development from the beginning. We spend a lot of time working directly with the design team and software coders to make sure the human-machine interface (HMI) is guided by design objectives based on established HF principles, standards, and guidelines. Additionally, we evaluate the usability of the HMI throughout the iterative design process."

Human Factors Internships

Chris Brown is currently finishing an internship opportunity at 3M center in St. Paul, Minnesota. He is the Human Factors intern for the Design and Vision Science department of the Software, Electronics, and Mechanical Systems (SEMS) Group. Chris is involved in a usability study that is helping to improve the interface used to update and manipulate networked electronic advertising screens as well as a study that involves multi-touch monitors.



He has also been taking part in a number of mobile eye tracking studies, and has even begun the process of submitting an invention of his own for approval by the corporation. Chris hopes to bring back free sticky notes for his labmates.

Kelsi Lenz is currently on internship at State Farm Insurance in Bloomington, Illinois working in their Strategic Resources department as a User Experience Researcher under Scott Schoeling. This is a more research-centric position with focus on User Needs Analysis and Usability Engineering. She works on understanding the needs of consumers and State Farm customers through surveys, focus groups, usability



testing, field studies and interviews. A majority of her time is spent developing and

conducting different types of usability studies ranging from informal evaluations and heuristic reviews to formal competitive and performance studies. Kelsi is also in the process of creating documentation to help guide and educate new employees about the various work processes of the User Centered Design and Research team.

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potential mid-air collisions. He also was awarded a contract to edit and revise website and supplementary materials for Sensation & Perception, 3rd Edition, by Sinauer Associates, Inc. Current areas of interest for Evan's lab include how modern technology is changing our perceptual and attentional abilities, the beneficial effects of video games on the visual system, the impact of distracting web advertisements on reading comprehension and brand awareness, and the influence of rewarding and punishing feedback on visual attention and participant motivation. He is

also collaborating with Children's Mercy Pediatric Hospital in Kansas City.

Dr. Rui Ni recently published the first study on perceptual learning of early vision for older adults in the Journal of Vision. Two of his students also gave presentations at national conferences in 2011. Mikki Phan presented on training older adults to improve their contrast sensitivity at Vision Science and Bobby Nguyen presented a paper on aging and steering control under reduced visibility conditions at the conference of Driving Assessment. Rui's lab will continue to work in collaboration

with local independent living facilities in the study of driving behavior and older adults.

Dr. Alex Chaparro has been investigating the Human Factors and ergonomic issues related to a universal ground control station for Unmanned Aerial Vehicles (UAVs). This project is currently staffed full-time by two HF alum – Bonnie Rogers and Traci Hart – in addition to undergraduate WSU alum Michael Vincent. Another central focus of Alex's lab continues to be investigations of the effects of talking and texting on driving performance. Graduate

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Recent Human Factors Graduates

Doug Fox
Nichole Morris
Adam Probst

Human Factors Program *(continued)*

(Continued from page 11)

students Rondell Burge, Joe Crandall and David Libby are all investigating different components of texting while driving including driver lane control behavior and the effects of texting on hazard detection. David will be presenting a poster describing his study on texting at the Auto and Eye conference in Detroit this September.

Dr. Paul Ackerman continues to serve as the Assistant Chair of the department and has been updating the department electronic database of all faculty

grant activity and student information (including current, alumni, and prospective students). This provides the faculty and staff easy access to critical information for a variety of departmental functions.

The HF Student Chapter once again acquired GOLD status from the national HFES organization. This group continues to remain very active and has plans to extend its membership to other departments across campus this year.

We are sorry to see Drs Merkle and Shaffer depart to University

of Missouri and wish them the best. We are actively searching for two new HF faculty to begin in 2012 and are very excited for this opportunity to expand our program in new HF directions. If you are attending the Human Factors conference in Las Vegas in September, stop by the poster session advertising our program or our booth in the career center. Hope to see you there!



(Human Factors Internships, continued from page 11)

Lukas Hulsey is completing an internship with Dell in Round Rock, TX, just north of Austin. He is working under the direction of Hisham Besheer on the Usability team in the Enterprise Experience Design Group. He is primarily responsible for usability testing of software designed to manage servers and networks, but is also getting some exposure to hardware testing.



Shiva Naidu recently completed an internship with Motorola Solutions as a Human Factors Engineer (Intern). The position was based out of Ft. Lauderdale with some work involved in Miami. Motorola Solutions provide communications products and accessories for government, law

enforcement, and first-responder agencies across the United States. Shiva was involved in concept design and evaluation for several future products. He also had the opportunity to engage clients in the form of focus groups and interviews to assess their needs, requirements, and pain points. This entailed travelling to places such as Chicago, Boston, and Phoenix. Shiva had the opportunity to go on ride-alongs with Lauderdale PD to understand their requirements and to assess how they interact with our products within their work environment. Nothing says "commitment to understanding user needs" better than signing a waiver form and wearing a bullet-proof vest for 10 hours!

Veronica Hinkle worked as a User Experience Researcher at State Farm is part of their Strategic Resources Division which is located in Bloomington,

Illinois. She belongs to a group of researchers where her team works primarily doing user-centered design and research. Veronica's primary job is to create research studies to help improve the user experience of customer-facing applications. Other tasks she typically performs on a regular basis include providing consulting services to the internal business clients and selected design vendors, enhancing communication and facilitating collaboration within different areas of the enterprise, and writing research reports that can be disseminated across the enterprise. Veronica's main areas of expertise are Human Computer Interaction principles, usability, information architecture, Hispanic consumers, and qualitative methodology with an emphasis on knowledge elicitation techniques.

Welcome New Graduate Students!

Clinical	
Bryna Bordovsky	Benedictine College
Nicole Schmidt	Creighton University
Sarah Staats	Wichita State University
Erin Thompson	DePaul University
Community	
Kari Nilsen	Wichita State University
Rachel Smith	Wichita State University
Rosemary Wright	Wichita State University (MA)
Rejeana Young	Wichita State University (MS)
Human Factors	
Jo Jardina	University of Houston - Clear Lake (MA)
Mildred Johns	The Citadel
Neethan Siva	University of Waterloo

Recent Grants 2010-Present

Funding Agency/Organization	Project Title	Principal Investigator
Center for Disease Control	Multisite Evaluation of Second Step: Student Success Through Prevention on Bullying & Sexual Harassment	Sabina Low
Child Start	Head Start Consultation & Training - Positive Behavior Support	James Snyder
Dell	Analysis of Multi-Screen Usage and Productivity	Barbara Chaparro
Dell	User Interface Design and Evaluation of Software	Barbara Chaparro
General Atomics	Human Factors Evaluation of UAV Operator Stations	Alex Chaparro Barbara Chaparro
Gridley-Hoover Aging Research Fund	Improve older drivers' visual performance through training	Rui Ni
Motorola	Performance and Usability Testing of Mobile Devices	Barbara Chaparro
Nuance	Performance and Usability Testing of Text Input Methods for Mobile Devices	Barbara Chaparro
Office of Minority Health	Youth Empowerment Implementation Project	Rhonda Lewis
Sedgwick County Center for Developmental Disabilities	Implementation of the Family Check-Up Intervention	Sabina Low James Snyder
St. Mary's Press	Expert Review of Test Generation Web Application	Barbara Chaparro

Recent Publications: 2010-Present

- Andersen, G. J., **Ni, R.**, Bian Z., Kang, J. (2011). Limits of Spatial Attention in Three-Dimensional Space and Dual-task Driving Performance. *Accident Analysis & Prevention*, 43(1):381-390.
- Andersen, G. J., **Ni, R.**, Bower, J.D., Watanabe, T. (2010). Perceptual Learning, Aging, and Improved Visual Performance in Early Stages of Visual Processing, *Journal of Vision*, 10(13):4, 1-13.
- Bohan, M., McConnell, D.S., **Chaparro, A.** & Thompson, S.G. (2010). The effects of display and control gain on pointing movements. *Journal of Experimental Psychology: Applied*, 16(1), 33-44.
- Branstetter, S., **Low, S.M.**, & Furman, W. (In Print-Early online, printed in forthcoming). The influence of parents and friends on adolescent substance use: A multidimensional approach. *Journal of Substance Use*.
- Branstetter, S.A., **Low, S.**, & Furman, W. (In Print early online viewing, printed in forthcoming). Religious salience as a unique predictor of adolescent substance use: A short-term longitudinal examination. *Substance Use & Misuse*.
- Chaparro, B.**, Merkle, E., **Fox, D.**, and **Chaparro, A.** (2011). Examination of the Legibility of Isolated Characters of Onscreen Typefaces, *Information Design Journal*, 19(1).
- Chaparro, B. S.**, Shaikh, A.D., **Chaparro, A.**, & Merkle, E.C. (2010). Comparing the legibility of six ClearType typefaces to Verdana and Times New Roman. *Information Design Journal*, 18, 36-49.
- Dagne, G., & **Snyder, J.** (2011). Child emotion regulation during family interaction: Association with family emotional climate, early conduct problems and depressive behavior. *Development and Psychopathology*, 23, 211-223.
- Hickson, L., Wood, J. M., **Chaparro, A.**, Lacherez, P. & Marszalek, R. (2010). Hearing impairment affects older people's ability to drive. *Journal of the American Geriatric Society*, 58(6), 1097-1103.
- Jolley, S., Wituk, S., Gregory, T., Thomas, M., & **Meissen, G. J.** (2010). Capacity building with faith-based and community organizations: Lessons learned from the Compassion Kansas initiative. In J. J. Viola & S. D. McMahon (Eds.). *Consulting and Evaluation with nonprofit and community-based organizations*. Boston: Jones & Bartlett Publishers.
- Kirk, C. M.**, **Lewis-Moss, R. K.**, Nilsen, C., & Colvin, D. Q. (2011). The role of parent expectations on adolescent educational aspirations. *Education Studies*, 37(1), 89-99.
- Lann-Wolcott, H., **Medvene, L.J.** & Williams, K. (in press). Measuring the person-centeredness of caregivers working with nursing home residents with dementia. *Behavior Therapy*.
- Lewis-Moss, R.K.**, Carmack, C., Sly, J., Roberts, S., & Wilson, K. (2010). Baseline Results of the Self-Reported Sexual Behaviors of Midwestern African American Adolescents. *Journal of Black Studies*, 40, 717-725.
- Low, S.M.**, Frey, K. & **Brockman, C.J.** (2010). Exclusionary gossip on the playground: The role of universal prevention and individual characteristics. *School Psychology Review*, 39, 536-551.
- Medvene, L.J.** & Wolcott, H. L. (2010). An exploratory study of nurse aides' communication behaviors: Giving positive regard as a strategy. *International Journal of Older People Nursing*, 5, 41-50.
- Ni, R.**, Chen, L., Andersen, G. J. (2010). Visual Constraints for the Perception of Quantitative Depth from Temporal Inter-ocular Unmatched Features, *Vision Research*, 50:1571-1580.
- Ni, R.**, Kang, J., Andersen, G. J. (2010). Age-related declines in car following performance under simulated fog conditions, *Accident Analysis & Prevention*, 42(3):818-826.
- Owens, J. W.**, **Chaparro, B. S.**, & **Palmer, E. M.** (2011). Text advertising blindness: The new banner blindness? *Journal of Usability Studies*, 6(3), 172-197.
- Palmer, E. M.**, Fencsik, D. E., Flusberg, S. J., Horowitz, T. S., & Wolfe, J. M. (In Press). Signal detection evidence for limited capacity in visual search. *Attention, Perception & Psychophysics*.
- Palmer, E.M.**, Horowitz, T.S., Torralba, A., & Wolfe, J.M. (2011). What are the shapes of response time distributions in visual search? *Journal of Experimental Psychology: Human Perception and Performance*, 37(1), 58-71.
- Paschal, A. M., **Lewis-Moss, R. K.**, & Hsiao, T. (2011). Perceived Fatherhood Roles and Parenting Behaviors Among African American Teen Fathers. *Journal of Adolescent Research*, 26(1), 61-83.
- Paschal, A., **Lewis-Moss, R. K.**, Sly, J., & White, B. (2010) Addressing Health Disparities among African Americans: Using the Stages of Change Model to Document Attitudes and Decisions about Nutrition and Physical Activity. *Journal of Community Health*, 35, 10-17.
- Snyder, J.**, McEachern, A., Schrepferman, L., Just, C., Jenkins, M., Roberts, S., & Lofgreen, A. (2010). Contribution of peer deviancy training to the early development of conduct problems: Mechanisms and moderators. *Behavior Therapy*, 41, 317-328.
- Snyder, J.**, Schrepferman, L., McEachern, A., Barner, S., Oeser, J., & Johnson, K. (In press). Peer deviancy training and peer coercion: dual processes associated with early-onset conduct problems. *Child Development*.
- Snyder, J.**, Schrepferman, L., McEachern, A., & Suarez, M. (2010). Early covert conduct problems: Phenomenology, prevalence, cross-setting diffusion, growth and consequences. *Journal of Behavior Analysis Offender and Victim: Treatment and Prevention*, 2, 4-19.
- Snyder, J.**, Waschlowitz, M., **Low, S.M.**, De Garmo, D., & Forgatch, M. (In Press). The moderating effects of parent antisocial characteristics on the effects of Parent Management Training-Oregon (PMTOTM). *Prevention Science*.
- Vaux, L. M., **Ni, R.**, Rizzo, M., Uc, E. Y., Andersen, G. J. (2010). Detection of Imminent Collisions by Drivers with Alzheimer's Disease and Parkinson's Disease, *Accident Analysis & Prevention*, 42(3):852-858.
- Wagener, A. L.**, & **Zettle, R. D.** (2011). Targeting fear of spiders with control-, acceptance-, and information-based approaches. *The Psychological Record*.
- Whitman, L., Jorgensen, M., & **Chaparro, B.** (2010). Virtual Factory Models: Do They Help Students Learn? *Computers in Education*, Jan-Mar 2010.
- Wolfe, J. M., Horowitz, T. S., **Palmer, E. M.**, Michod, K. O., & Van Wert, M. J. (2010). Getting in to guided search. In V. Coltheart (Ed.), *Tutorials in Visual Cognition*. Hove, Sussex: Psychology Press.

Recent Publications (continued)

Wolfe, J. M., **Palmer, E. M.**, & Horowitz, T. S. (2010). Reaction time distributions constrain models of visual search. *Vision Research*, 50(14), 1304-1311.

Wood, J. M., **Chaparro A.**, Anstey, K. et al. (2010). Simulated Visual Impairment Leads to Cognitive Slowing in Older Adults. *Optometry and Vision Science*, 87(12), 1037-1043.

Wood, J. M. & **Chaparro, A.** (2010). Night Driving: How Low Illumination Affects Driving and the Challenges of Simulation. In Hand-

book for Driving Simulation in Engineering, Medicine and Psychology. Eds.: J. Lee, M. Rizzo, D. Fisher & J. Caird. CRC Press.

Zettle, R. D. (in press). Acceptance and commitment theory of depression. In P. L. Fisher & A. Wells (Eds.), *Treating depression: Principles and practice of CBT, MCT, and third wave therapies*. Chichester, United Kingdom: Wiley.

Zettle, R. D. (2010). Introduction to the special issue. *International Journal of Behavioral Consultation and Therapy*, 6, 160-163.

Zettle, R. D. (2010). [An acceptance and mindfulness-based approach to depression]. In F. Bulli & G. Melli (Eds.), [Mindfulness and acceptance in psychotherapy: The third generation of cognitive-behavioral therapy] (pp. 205-222). Florence, Italy: Eclipsi.

Zettle, R. D., Rains, J. C., & Hayes, S. C. (in press). Processes of change in acceptance and commitment therapy and cognitive therapy for depression: A mediational reanalysis of Zettle and Rains (1989). *Behavior Modification*.

Psychology Office Information



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Judy and Marci are an important part of the department. For a combined total of 47 years spent with the psychology office, they aid faculty and students with help they need. Contact them with updates at: Judith.Barnes@wichita.edu and Marsyl.Nelson@wichita.edu

Department Trivia

When Dr. Paul Ackerman first joined the department back in 1968, he ran a rat experiment in some unusual rat space. What was the lab space?

- A) In his own office
- B) In the office of his graduate assistant
- C) In the stairwell of the old LAS building
- D) In the restroom