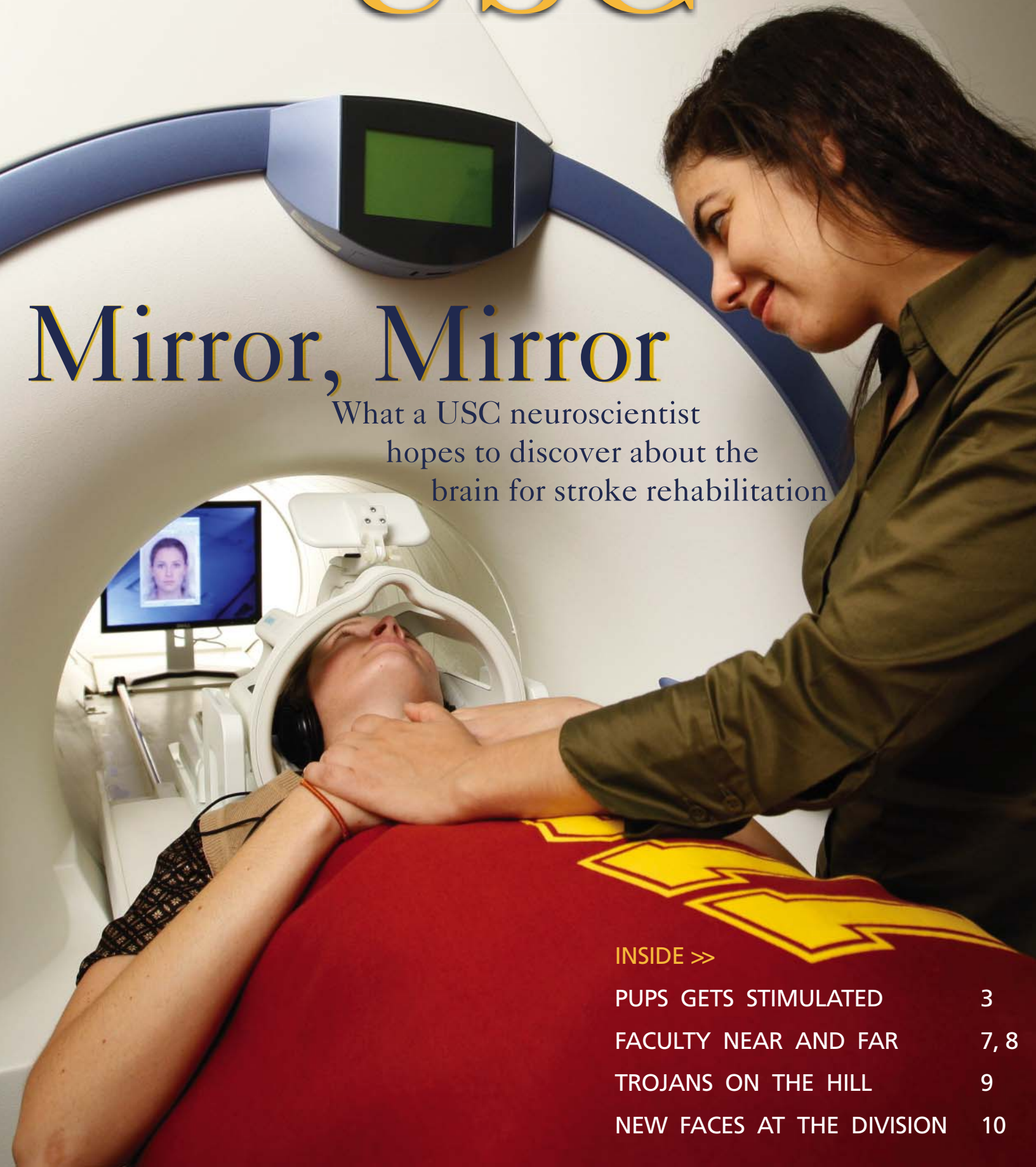


USC

Occupational Science and Occupational Therapy



Mirror, Mirror

What a USC neuroscientist
hopes to discover about the
brain for stroke rehabilitation

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LAST WEEK I HAD THE PLEASURE

of addressing OTD students at Creighton University about my vision for the future of occupational therapy. Through the magic of Internet video applications, I could produce the lecture in Los Angeles and they will soon listen to it in Omaha. Earlier that same week, pieces of the Patient Protection and Affordable Care Act that was passed back in March of this year began going into effect. Regardless of our own personal politics, health care reform is a watershed moment for the entire country, for our health care system and certainly for occupational therapy. Given these current tumultuous times, the future is anything but predictable. But federal health care reform as it stands today is no longer an abstract hypothetical but a reality, here and now.

There is little doubt that significant shifts are coming: to the ways by which we are accustomed to delivering occupational therapy, to the populations for whom we deliver interventions and to the interrelationships between patients, providers, regulators and payers. There is no doubt that the face of American health care will be rapidly evolving and taking new form over the next decade. At a recent summit hosted by PricewaterhouseCoopers Health Research Institute, I gathered with many high-powered health care industry executives and leaders to discuss how to strategically and nimbly respond to the many changes that are already on the way. What a fantastic experience it was! I know these changes may certainly feel daunting. The same type of technology that made my Creighton lecture possible will increasingly allow patients to directly communicate with their care providers within linked social networks, enabling occupational therapists to provide our clients with care anywhere and anytime. Rather than being the exception to the rule, Electronic Medical Records will become the new norm, and the use of mobile and computer-based technology to supplement occupational therapy treatments will become increasingly ubiquitous. Expanded insurance coverage for entire populations will require occupational therapists to aggressively develop, adapt and market innovative and customized service lines. Consumer-powered health care means integrated care teams will be structured to put patients at the center, and providers will have to increasingly coordinate the care they deliver. Bending the cost-curve downward will require occupational therapy researchers to conduct high quality research that continues to build the body of evidence demonstrating our intervention efficacy and outcomes. An increasing emphasis on health as a positive construct of holistic wellness, rather than a negative construct of an absence of pathology, will require lifestyle-based interventions that effectively support healthy habits, routines and choices in peoples' everyday lives, similar to the interventions we pioneered here at USC nearly two decades ago.

The future of health care will be anything but business as usual. But I know our profession is ready to meet the contingencies posed by a constantly changing health care system in the coming decade. Fortunately, the American Occupational Therapy Association's Centennial Vision has given occupational therapy a seven year headstart on responding to the changes of health care reform. In 2003, AOTA was already forecasting future systemic scenarios in order to develop a vision statement to guide our professional priorities. And we accomplished this at a time when we did not know that 2010 – 2020 would be the Decade of Health Care Reform. Today's path to the Centennial Vision, due to conclude in 2017, runs alongside the timeline for implementing health care reform, which is scheduled to end in 2020. These two parallel tracks, side by side, together will position occupational therapy to help solve society's most pressing health and wellness challenges. And as we stand today at halftime in the race to the Vision, I am very confident that successfully realizing the Centennial Vision will enable occupational therapy to respond to the many changes which we already see coming.

Change is always challenging. It forces us to overcome our tendencies toward inertia and move to action. But I am also confident and hopeful for our profession's future. As I told the students at Creighton, the future is only what we decide it to be. And the future that I see is one in which the Centennial Vision affirms occupational therapy as an integral health and wellness solution within our newly reformed health care system.

Frances A. Clark

PUPS receives Stimulus Package R01 Supplement Grant

A NATIONAL INSTITUTES of Health (NIH) R01 supplemental grant from the National Center for Medical Rehabilitation Research (NCMRR) was awarded to the Division in August. The yearlong grant will serve as an administrative supplement to the Lifestyle Redesign® for the Pressure Ulcer Prevention in Spinal Cord Injury (PUPS) grant, one of the Division's NIH R01 grants now approaching its third year of implementation. Florence Clark, Associate Dean and Chair of the USC Division of Occupational Science and Occupational Therapy, is the principal investigator listed on both grants.

The PUPS study is a randomized controlled trial that will test the efficacy and

effectiveness of a community-based occupational therapy intervention in reducing incidence of medically severe pressure ulcers in people with spinal cord injury. Intervention is designed to help the participants learn how to incorporate a variety of health promoting measures into the context of their everyday lives. The intervention utilizes Lifestyle Redesign® principles developed in earlier studies, such as the seminal USC Well Elderly Study.

This Administrative Supplement grant is funded through research allocations secured by the American Recovery and Reinvestment Act of 2009 (ARRA, popularly referred to as the "Stimulus Pack-

age" or "Recovery Act"). Its aim is to accelerate both the Division's science while simultaneously creating jobs. Grant funding has been used to hire a postdoctoral fellow, Beth Pyatak, to be mentored as a career scientist on the PUPS project, to increase the time commitment of the project's nurse intervener, to expand the project's capacity to provide baseline skin checks for potential study participants, to enhance the project's capacity for recruiting participants and to accelerate the chart review process. ■

[IN MEMORIAM]

Carlotta Welles, MA '53, Professional Pioneer

Carlotta Welles, M.A., OTR, FAOTA, died peacefully at her home in Claremont, CA on May 23, 2010. She was 92. The former USC Occupational Science and Occupational Therapy Board of Councilors member was surrounded by her partner and lifelong companion, Florence Cromwell, her loving caregivers and the family dog.

Her remarkable career in occupational therapy spanned clinician, administrator, educator, consultant and financial advisor roles. She received her B.A. from Scripps College, her Diploma in Occupational Therapy from the Boston School of Occupational Therapy (now Tufts University) in 1941 and her Master's Degree in Occupational Therapy from the University of Southern California in 1953.

Welles was a pioneer in our profession and in our professional organizations and institutions. She had a breadth of expertise which she generously offered to others, including vast knowledge of ethics, liability and legislative issues affecting therapists. Throughout her career, Carlotta served many occupational therapy organizations and received honors for her leadership, skill and dedication. She served on the American Occupational Therapy Association's Board of Management, was Chairperson of the Investment Committees of both the Association and the American Occupational Therapy Foundation, was a charter member of AOTA's Roster of Fellows and received AOTA's highest award, the Award of Merit. She also served on the AOTF board of directors from 1979 to 1993 and participated in founding the Southern California Occupational Therapy Association, which later became the Occupational Therapy Association of California, for which she was awarded the OTAC Lifetime Achievement Award in 1981. She was also a generous supporter of occupational therapy at USC. She was an active member of the USC Board of Councilors and in 1999 was one of two flagship donors making the USC Center for Occupation and Lifestyle Redesign® a reality.

Carlotta was generous in spirit and in deed. She had profound influence on occupational therapists and occupational therapy. She served as a model of dedication to a profession she not only believed in, but actively helped to shape. She believed that giving time and resources to something you cherished was the ultimate reward. Condolences may be sent to Florence Cromwell, 347 Taylor Dr., Claremont, CA 91711.



Photo credit: The American Occupational Therapy Foundation

MIRROR IMBBOB

How the mirror neuron system may one day change stroke rehabilitation therapy

IN HER BASEMENT OFFICE at USC's Brain and Creativity Institute, Lisa Aziz-Zadeh is poring over the latest batch of brain scans. The scans are taken from a functional Magnetic Resonance Imaging, or fMRI, machine located at the Institute, and they provide a snapshot of the human brain in action. Like a mindreader, fMRI scans show changes in blood flow to different regions of the brain, giving scientists like Dr. Aziz-Zadeh insight into how the brain is working on a moment by moment basis in response to particular stimuli. The moments that are especially intriguing to Dr. Aziz-Zadeh, and which have her full attention today, are those moments translated into functional brain images captured while research subjects are busy watching videos of ordinary people performing ordinary occupations. But the lives of her research subjects are far from ordinary. They have all sustained a Cerebrovascular Accident, or stroke, the leading cause of physical disability in the world today.

Lisa Aziz-Zadeh, Ph.D., is a cognitive neuroscientist by training. After completing her undergraduate education and earning her Ph.D. in psychology from the University of California, Los Angeles, she went international for her postdoc-

toral studies. But she eventually returned back to Southern California to call on Antonio Damasio, Ph.D., M.D., one of the world's foremost neurobiologists, and David Dornsife Chair in Neuroscience and Professor of Psychology and Neurology and Director of the USC College Brain and Creativity Institute. It was through fortuitous circumstances that Dr. Damasio eventually referred Dr. Aziz-Zadeh to Florence Clark, Ph.D., Associate Dean and Chair of USC's Division of Occupational Science and Occupational Therapy. Before long, Dr. Aziz-Zadeh received joint appointments as Assistant Professor in both the Brain and Creativity Institute and the Division.

Studying the inner workings of the human brain and its relationships to the outward, behavioral expressions which it manifests is an everyday occurrence at the Brain and Creativity Institute, and today is just like any other ordinarily extraordinary day. Dr. Aziz-Zadeh was recently awarded a nearly quarter million dollar, two year American Heart Association (AHA) grant entitled "The Mirror Neuron System (MNS): A Neural Substrate for Methods in Stroke Rehabilitation". It's the reason why she's now looking at fMRI images of the brains of people who

have had a stroke.

Dr. Aziz-Zadeh completed her post-doctoral training at the laboratory of Dr. Giacomo Rizzolatti at the University of Parma, in Italy. That name may not ring a bell for many occupational therapists, but to cognitive neuroscientists, Rizzolatti is a pioneer in what has become over the past several decades one of the most discussed topics in cognitive and neuroscience research. Dr. Rizzolatti and colleagues discovered what they termed "mirror neurons". Mirror neurons are essentially a class of specialized brain cells that are theorized to "mirror" the typical electrical activity of motor neurons, firing both when a person is performing an action as well as when the person watches it being performed by others. The implications of the discovery of mirror neurons are tremendous. Since their discovery, motor neurons have been hypothesized to undergird nearly all human behaviors, including language, motor control and development and social interactions such as empathy and altruism affected by autism.

When occupational therapists hear the word "mirror" in the context of therapeutic treatments, the typical connotation is most likely the use of mirrors to treat phantom limb symptoms of people

who have sustained an amputation. The research that Dr. Aziz-Zadeh's laboratory will produce may eventually start to change all that. An expert in the mirror neuron system, she has applied her knowledge to such diverse research topics as language, the "aha!" moments of insight and social interactions. But with this recent AHA grant, her research on the mirror neuron system may have the potential to impact occupational therapists' models for providing rehabilitative therapy more than ever.

The research funded by this new grant aims to better understand how individuals with stroke process motor actions. In particular, Dr. Aziz-Zadeh is exploring the impact that the lesions caused by stroke have on mirror neuron function. She wants to see how much overlap exists between the activities of similar brain regions when the stroke survivors make an action, versus when they only observe someone else making the action. The study will be examining both movements that the stroke survivor can and cannot perform as a result of the functional motor impairments caused by the stroke. The fMRI scans will allow her and her laboratory's research team, which includes two of the Division's Occupational Science

Ph.D. students, Lei Liew, M.A.'08, and Julie Werner, M.A.'08, to visualize which brain regions are active when individuals with stroke make an action. The team can then see if and how much these neural regions overlap with the regions activated when watching other people make actions that they themselves either can or cannot perform.

The team is a long way away from even suggesting any research findings, outcomes or implications. But if the mirror neuron system is indeed as powerful as many scientists hope that it is, it may one day be used to supplement the traditional, hands-on rehabilitation that occupational therapists provide across practice settings today. Because if mirror neurons fire equally when an individual moves *and* observes, and this holds true for populations with motor or neurological deficits such as those caused by stroke, then it is speculated that motor neuron activation and recovery post-stroke may be possible simply by watching the movements performed by others.

One day, this type of "action observation" therapy could allow for individuals and trained caregivers to self-provide therapeutic interventions in their own homes and their own communities. After

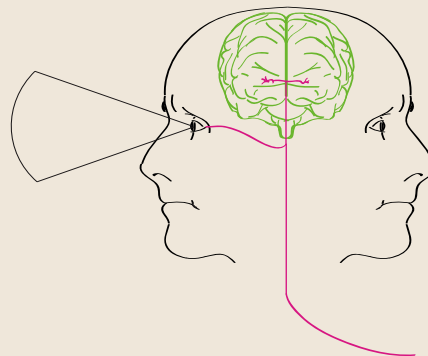
completing their expected three hours of outpatient rehabilitative therapy, patients could hypothetically go back home, pop a DVD or VCR of recorded actions and occupations into the home video player, and quite literally watch their way to functional motor gains.

Whatever she eventually discovers about the mirror neuron system and its implications for occupational therapy, Dr. Lisa Aziz-Zadeh knows that the future of both scholarly research and clinical practice professions will be defined by the success of interdisciplinary relationships built on a foundation of basic research. Some occupational therapists may hear the word "neuroscience" and shudder. After all, many occupational therapists chose to enter the profession out of equal appreciation for the social and biological sciences. But Dr. Aziz-Zadeh invites occupational therapists to appreciate neuroscience as foundational to the core of what it means to be human. "All of human behavior, everything we do, is driven by neural activity," she proclaims. "Understanding it will undoubtedly make our work, whether it be as neuroscientists or as occupational therapists, even that much better". ■

MIRROR NEURONS are cells in the brain that activate equally, whether performing an action or watching another perform the same action. For example, mirror neurons fire as equally when lifting your arm as they do when simply watching another person lift their own arm. Mirroring is also believed to be the way in which the brain seems to automatically interpret others' intentions, actions and emotions.

These specialized cells were discovered over a decade ago when Italian researchers accidentally found that sensors attached to the motor cortices of test monkeys seemed to record muscle activity even when the monkeys were sitting still, simply watching other primates move. Aziz-Zadeh hopes there is enough overlap provided by mirror neurons that, despite lesions to the brain, simply watching another's movements can enhance motor recovery in people who have sustained a stroke.

Monkey See, Monkey Do



President Nikias at a Glance

Robert C. Packard President's Chair

Malcolm R. Currie Chair in
Technology and the Humanities

Chair of the USC Hospitals
Governing Board

Former USC Executive Vice
President and Provost

Former Dean of the USC Viterbi
School of Engineering

Member of the National Academy
of Engineering

Fellow of the Institute of Electrical
and Electronics Engineers

Fellow of the American Association
for the Advancement of Science

Fellow of the California Council on
Science and Technology

M.S. and Ph.D. from SUNY, Buffalo

Diploma from the National
Technical University of Athens

Lives in Palos Verdes with
wife Niki C. Nikias. Daughters
Georgiana and Mariana are
both currently Trojan students.

Hail to the Chief

*C.L. Max Nikias is
installed as USC's 11th
University President*

C. L. MAX NIKIAS was honored as USC's 11th university President with formal Installation proceedings on October 15th, 2010. Thousands were gathered at Alumni Memorial Park on the University Park Campus to honor President Nikias, who took office following former President Steven Sample's retirement on August 2nd.

The celebration included a procession of delegates representing all areas of university life, including students, parents, alumni, staff, government and community representatives and over 1,200 university faculty. The platform party consisted of senior administrators, university Trustees, elected officials from university organizations and bodies and the President's wife and daughters.

Speaking to the crowd was Henry Yang, Professor and Chancellor of the University of California, Santa Barbara and

chair of both the Association of American Universities (AAU) and the Association of Pacific Rim Universities (APRU), as well as John Hood, Chairman and CEO of the Robertson Foundation, and former Vice Chancellor at the University of Oxford and at the University of Auckland. President Nikias then addressed the audience and touched on his own personal story, the values of the university, and his vision and priorities for USC during his coming regime.

The celebration also featured a new piece composed by USC Thornton School of Music alumnus Andrew Norman, which was performed by the Calder Quartet, who are also Thornton alumni. The celebration concluded with a university luncheon in McCarthy Quad.

Friday's activities capped off an entire week's worth of celebrations which included signature USC Visions and Voices events, the university-wide arts and humanities initiative spearheaded several years ago by then-Provost Nikias. On Monday, October 11th, the university hosted Ira Glass of National Public Radio's *This American Life* followed by Anna Deavere Smith, noted theater actress, playwright and MacArthur Genius grant winner the next night. On Thursday, October 14th, the USC Thornton Symphony performed a tribute to President Nikias, which included a performance by world-renowned cellist and Thornton faculty Ralph Kirshbaum, and the debut performance of a composition by Thornton faculty Erica Muhl. ■

*- Special thanks to Jeffrey A. Olsen,
USC Managing Director, Academic Events*



Photo credit: University of Southern California

Solomon Delivers Invited Lectures Across the Globe

OLGA SOLOMON, PH.D., Research Assistant Professor in the Division, had a busy summer, delivering three invited lecture presentations across the world between July and October, 2010. Altogether, the three presentations were a good reflection of the academic interests of Dr. Solomon, who is an applied linguist by training and is currently conducting research on various aspects of Autism Spectrum Disorders (ASDs).

In early July, she lectured on the “Sequential Organization of Multimodal Interspecies Interaction: Children with Autism, Therapy Dogs and Other People ‘Doing Together’” at the International Conference on Conversation Analysis at the University of Mannheim in Mannheim, Germany. Conversation Analysis is an ethnomethodological approach to studying social interaction. In the case of Dr. Solomon’s research, these interactions occur between children with autism, their families and the therapy dog. Dr. Solomon hopes that society and science increasingly value children with autism as *interactants* capable of participation and engagement in everyday activities and the social world around them.

In mid-August, Dr. Solomon traveled to Washington, D.C., to speak at the Disparities in the Identification of Children with Autism Spectrum Disorders symposium, which was co-hosted by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institute of Mental Health (NIMH) and the NIH Autism Coordinating Committee. The focus of the lecture was to report on the Autism in Urban Context study currently underway at the Division, which is funded by NICHD and NIMH. Modeled upon a longitudinal ethnographic NICHD-funded study “Boundary Crossings: Re-Situating Cultural Competence” conducted in the Division by Drs. Mary Lawlor and Cheryl Mattingly, “Autism in Urban Context” study uses urban ethnography, conversation analysis and social networks analyses to study the experience of African

American families who have a child with ASD. She discussed the study’s implications for earlier autism diagnoses, reduction of health disparities for African American children with ASDs and their families and for improvements in cultural competencies of health professionals. Collaborators on the Autism in Urban Context study include the Division’s Mary Lawlor, Sc.D., OTR/L, FAOTA and Sharon Cermak, Ed.D., OTR, FAOTA, as well as researchers at Childrens Hospital Los Angeles and USC’s Keck School of Medicine.

In early October, Dr. Solomon again traveled to Europe, this time to lecture at The Social Life of Achievement Workshop held at the University of Cambridge, in Cambridge, England. This conference’s topic was the all too often oversimplified construct of achievement in human experiences. The focus of Dr. Solomon’s lecture “Autism and Affordance of Achievement: A View from Occupational Science” was on the relationship between the concept of achievement and the lived experiences of people with autism. Dr. Solomon contends that “achievement” is an idea rarely applied to people with autism. Though autistic savants are usually acknowledged as possessing some form of achievement, the analytic vocabulary to scientifically analyze achievement in

autism has not yet been developed. Dr. Solomon hopes that her work and research will propel a scientific and social recognition that people with autism are fully capable of achieving.

Solomon is no stranger to international academic travel. In early 2009, she gave an invited lecture “On ‘Narrative Turn’ in Autism Research” at a plenary conference on narrative at the University of Melbourne in Melbourne, Australia. In the spring of 2008 she delivered a lecture on autism at an international symposium

I ENJOY SHARING MY WORK WITH THE INTERNATIONAL RESEARCH COMMUNITY. BUT MY MAIN GOAL FOR THESE INVITED LECTURES WAS TO PROMOTE OCCUPATIONAL SCIENCE AS A SOCIAL SCIENCE AND TO COMMUNICATE THE CONTRIBUTIONS IT HAS MADE AND CONTINUES TO MAKE TO THE SOCIAL SCIENCES.

on pragmatics and atypical development at the Université de la Sorbonne Nouvelle, in France. ■

McLaughlin Gray Delivers Keynote at Rancho Clinical Practice Forum

USC FACULTY MEMBER Julie McLaughlin Gray, Ph.D., OTR/L, Assistant Professor of Clinical Occupational Therapy, gave the keynote address on evidence-based practice at the 2010 Rancho Los Amigos National Rehabilitation Center Occupational Therapy Clinical Practice Conference. According to Dr. McLaughlin Gray, the focus of the talk was to help practitioners “gain familiarity with the concept of evidence-based practice and locate various forms of evidence in online databases and journals.” During her talk, Dr. Gray also stressed how to critically appraise research and implement an evidence-based approach in practice.

After the address, three “breakout sessions” used cases to highlight the use of evidence to achieve best practice in both inpatient and outpatient settings. These sessions covered neurology, stroke and spinal cord injury and were led by Rancho therapists Chris Rhee, M.S., OTR/L, Heidi Dombish, M.S., OTR/L, Suzanne Lai, OTD '09, M.A.'08, OTR/L, Jenny Park, M.A. '06, OTR/L, Stephanie Hayes, M.S., OTR/L and Susan Arakaki, OTR/L.

A case study of the current treatment of Guillain-Barré was presented during the neurology breakout session. An inpatient treatment plan was presented and included specialized adaptive devices such as a sip/puff call light, voice command software and computer driving simulation. An impromptu discussion among practitioners after the session addressed the economic feasibility of using such equipment at various facilities in Los Angeles. When asked if Medicare funded these treatments, therapist Chris Rhee conceded that Rancho received additional grant funding. Practitioners then took turns expressing their frustrations with budget cuts and reimbursement limitations impeding best practice. More ex-

perienced therapists also suggested reordering the timing of certain interventions during the course of treatment. In turn, this raised questions about balancing clinician experience with external research.

Also attending were Samia Rafeedie, OTD, OTR/L, Assistant Professor of Clinical Occupational Therapy and over a

dozen first-year USC Occupational Therapy Master's students. Student John Margetis found the collaborative discussions engaging, “I was really impressed at how interesting the case study on Guillain-Barré was. The videos clearly showed how occupational therapy enhanced his recovery.” ■

Mallinson Publishes on Rehabilitation Evidence and the Centennial Vision

IN A REVIEW PAPER recently published in the *American Journal of Occupational Therapy (AJOT)* entitled “Centennial Vision - Rehabilitation Research”, the Division's Assistant Professor Trudy Mallinson, Ph.D., OTR/L, NZROT examined how well fourteen recent *AJOT* publications regarding rehabilitation research aligned with Centennial Vision priorities. The articles, published in 2008 and 2009, pertained to the practice areas of work and industry, rehabilitation, disability and participation. According to Dr. Mallinson, none of these studies could be classified as systematic reviews, meta-analyses or randomized controlled studies, which are regarded by AOTA as the most rigorous methods of research. However, three intervention studies used quasi-experimental and cohort designs, which are considered the second strongest study design in clinical research.

As emphasized in the paper, randomized clinical trials (RCTs) are not only important for building a sound knowledge base but also for strengthening the profession in the face of health care reform. For example, Medicare is increasingly asking for public reporting of quality indicators which requires occupational therapy to define and demonstrate the effectiveness of its interventions. In closing, Dr. Mallinson stresses the need for more RCTs to examine context-based interventions which result in changes in client activity and participation. The article was co-published with Heidi Fischer, M.S., OTR/L of the Rehabilitation Institute of Chicago. ■

-Vivian Tang is a first-year MAII student

USC Occupational Therapy Heads to Washington, D.C.

DIVISION ASSOCIATE DEAN and Chair Florence Clark, along with current USC OTD residents Michelle Farmer, M.A. '10, and Kiley Hanish, M.A. '02, OTR/L, traveled in mid-September to Washington, D.C. to educate and lobby on behalf of occupational therapy. Their trip was capped off with AOTA's Capitol Hill Day on September 20th, 2010, where they were joined on the Hill by over 400 occupational therapy professionals exercising their political voices in support of various occupational therapy legislative priorities. The group, which also included OTAC President Shawn Phipps, MS, B.S. '97, OTR/L, and Denise Miller, MBA, OTR/L, AOTPA Region V Director, met with representatives from the offices of Senator Schumer (D-NY), Senator McCain (R-AZ), Senator Boxer (D-CA), Senator Feinstein (D-CA) and Congresswoman Capps (D-CA).

Among the issues discussed was S.1664, a bill to elevate the grade of the Chief of the Army Medical Specialist Corps (AMSC), who oversees all Army occupational therapists, from the current

rank of Colonel to Major General. The bill will give AMSC officers the higher rank necessary to more equally participate in critical decisions made at the highest levels of the Army Medical Department.

In other meetings, discussions focused on Center for Medicare and Medicaid Services' (CMS) proposal to the 2011 Medicare Physician Fee Schedule, which would reduce reimbursements to occupational therapy by a CMS estimated 12%. The group emphasized the centrality of occupational therapy to safe and healthful aging and aging-in-place, and requested Representatives' signatures on an objection letter to be sent to CMS. Also discussed was the extension of the Medicare therapy cap exceptions process, which is currently due to expire on December 31st, 2010. Representatives were requested to support S.43/H.R.46, the Medicare Access to Rehabilitation Services Act, which would repeal the caps entirely. Visit <http://www.aota.org/Practitioners/Advocacy.aspx> to learn more about AOTA's priorities in political lobbying and advocacy. ■



Photo credit: Charlie Archambault

Narrative, Self and Social Practice



Edited by Uffe Juul Jensen and Cheryl F. Mattingly

Narrative, Self and Social Practice

Edited by Uffe Juul Jensen and Cheryl F. Mattingly
Philosophia, Arhus Press
269 pages

Cheryl Mattingly, Ph.D., Professor in the Division of Occupational Science and Occupational Therapy and Department of Anthropology at USC, continues to show why she is a leading expert positioned at the intersections of narrative, anthropology and practice theory. Edited with Uffe Juul Jensen, Professor of Philosophy at Denmark's Arhus University, this collection of writings intends to facilitate an emerging interdisciplinary discussion that crosses the boundaries between philosophers interested in narrative, self and practice, on the one hand, and social science scholars working to develop theories of self and social practice, on the other.

The edited collection includes articles written by Dr. Mattingly as well as articles by the Division's Professor Mary Lawlor, Sc.D., OTR/L, FAOTA.

Photo credit: Philosophia Press

New in Town

>>The Division welcomes 13 new staff and faculty

Celso Delgado, Jr., OTD '10, MA '06, OTR/L, Adjunct Research Assistant Professor

Dr. Delgado is serving as an intervener in the USC Pressure Ulcer Prevention in SCI study (PUPS). He provides intervention services in both English and Spanish throughout the community, including at clients' homes, neighborhoods, hospitals and on community outings. Through Occupational Therapy Training Program (OTTP) in Torrance, CA, Dr. Delgado has provided interprofessional mental health collaboration and occupation-based approaches for families and at-risk youth in low income communities across the Greater Los Angeles area.



Daniella Florindez, Project Assistant

Daniella Florindez is a Los Angeles native and obtained her Bachelor's degrees in History and Spanish Cultural Studies from Occidental College in 2009. She is currently working with the Pressure Ulcer Prevention in SCI study, where her duties include locating resources, equipment and research articles and providing client Spanish-English translation. She especially enjoys the emphasis that PUPS places on the complex relationship between patients and their health care providers. Daniella joins her sister, Lucia, as a sibling tandem at the Division.



Karrie Kingsley, OTD '07, MA '01, OTR/L, Adjunct Assistant Professor

Dr. Kingsley is welcomed to the Division as the Project Director of the Training Occupational Therapy Specialists (TOTS) Grant, where her responsibilities include teaching, administration of the grant itself and providing fieldwork support for TOTS Grant recipients. After working in both early intervention and school-based settings, she returned to the Division and completed the OTD with a portfolio program focusing on occupation-based approaches to developing social skills in elementary school.



John Llerenas, Database Analyst

John comes to the Division after three years at USC's Information Technology Services Department, and provides the Division with Information Technology support. With his degree in Telecommunications Management, John had previously worked for Hewlett-Packard based in Colorado Springs, CO, as a Field Service Engineer and Data Center manager. Prior to that, John worked for IBM as a technical support representative for several large international aerospace corporations located in Southern California.



Abbey Marterella, PhD '10, MS, OTR/L, Research Assistant Professor

Dr. Marterella transitions her role in the Division to Research Assistant Professor after recently completing her Ph.D. dissertation entitled *One Size Fits None: Theorizing Weight Management in the Everyday Lives of Adults with Serious Mental Illness*. She had previously been a graduate assistant at the Division. Prior to coming to USC, Dr. Marterella was an adjunct faculty member at Eastern Michigan University occupational therapy, and has been an older adult home-health occupational therapist and Director of a non-profit community art center.



Mike McNulty, OTD '10, MA '09, OTR/L, Assistant Professor of Clinical Occupational Therapy

Dr. McNulty is evolving his role within the Division after recently completing his OTD residency at USC University Hospital, where he partnered with hospital leadership on various administrative projects including co-leading a successful smoke-free USC hospitals initiative. Acting as liaison of the Division to various internal and external constituencies, Dr. McNulty will support the Division's goals and priorities through communications, marketing and development responsibilities in conjunction with other Division staff and faculty, as well as assume teaching responsibilities.



Photo credits: Kim Kelton



Susan McNulty, OTD'10, MA'04, OTR/L, Assistant Professor of Clinical Occupational Therapy

Dr. McNulty comes to the Occupational Therapy Faculty Practice as a specialist in Lifestyle Re-design®, mental health and pain management services. She has provided occupational therapy for women struggling with domestic violence, addiction and mental health concerns as the Director of OT Services at Mariposa Women and Family Center of Orange, CA. She had previously practiced abroad as a Senior Occupational Therapist for community and inpatient psychiatric services in Mullingar, Ireland. She joins twin sister Karen McNulty as faculty.



Tessa Milman, OTD'09, MA'08, OTR/L, Postdoctoral Research Associate

Dr. Milman is currently working on the Autism in Urban Context study with Dr. Olga Solomon, engaged in instrument development, data transcription and ethnographic and social networks data collection and analyses. She has practiced in community mental health and positive youth development at the Violence Intervention Project (VIP) in East Los Angeles for children who have experienced abuse or neglect. Her professional interests include individuals' experiences of health and social disparities, college awareness programming, and using yoga in OT.



Jordi Oshiro, Business and Budget Technician

Jordi joins the Division as Business and Budget Technician, where she provides support for various financial operations of the Division. She is a native of Honolulu, Hawaii, and attended USC for her undergraduate studies, recently receiving her Bachelor's degree in Business Administration with an emphasis in Finance from the esteemed USC Marshall School of Business. She looks forward to utilizing her financial and management knowledge to effectively support all the various programming ongoing at the Division.



Beth Pyatak, PhD'10, MA'04, OTR/L, Postdoctoral Research Associate

Dr. Pyatak joins the Division as a Postdoctoral Research Associate working on the PUPS study assisting with key research efforts. She recently completed her Ph.D. dissertation entitled *Diabetes Management in the Everyday Lives of Emerging Adults*, which highlighted the conflicts young people often experience between chronic disease management and engagement in meaningful occupations. She recently has had publications accepted in *AJOT*, *OTJR: Occupation, Participation, and Health*, and *Journal of Occupational Science*.



Shelby Surfus, OTD'06, MA'04, OTR/L, Assistant Professor of Clinical Occupational Therapy

Dr. Surfus is the Director of Occupational Therapy at the USC University Center of Excellence in Developmental Disabilities (UCEDD) based at Childrens Hospital Los Angeles, and the lead occupational therapist with the interdisciplinary assessment team at the Boone Fetter Clinic. She is a pediatric specialist, and has coauthored a documentary on the life of A. Jean Ayres, cultivated relationships with major toy industry manufacturers, developed the Kid Scouts community participation program and has also taught Master's-level courses.



Cheryl Vigen, PhD'07 (Epidemiology), MS, MS, Assistant Professor of Research

Dr. Vigen has served as a teaching and research assistant at the USC Keck School of Medicine, currently teaches biostatistics in the Department of Preventive Medicine and has been a research investigator on projects in such diverse areas as atherosclerosis, HIV, hematology, Alzheimer's Disease, cancer and ophthalmology. Within the Division, she is currently working on the Pressure Ulcer Prevention Study and the Well Elderly Study, and is available to consult with other researchers regarding study design, data management and statistical analysis.



Kim Wilkinson, PhD'09, MA'01, OTR/L, Postdoctoral Research Associate

Dr. Wilkinson is working on the Autism in Urban Context study with Dr. Olga Solomon, where she is collecting and analyzing ethnographic and social network data, contributing to the project's publications and presentations and assisting with instrument development. Dr. Wilkinson recently completed her Ph.D. dissertation, *Mothers' Perspectives on Everyday Life with Children with Autism: Mealtimes Explored* under the guidance of Dr. Mary Lawlor, and her research interests include the study of day-to-day family life, the practice of pediatric therapists, and innovative service delivery methods.

News & Notes across the Trojan Family

Alumni>>

The Division is saddened to learn **Tim Hoffmann, MA '84**, passed away late 2008, after an extended bout with illness. An avid outdoorsman, Tim lived in Colorado and Alaska working as an airplane mechanic and private pilot prior to studying Occupational Therapy, and he used those interests in his therapy. After becoming certified in Hand Therapy, he established his own practice in Salem, Oregon, and upon retiring, returned to his roots in Arizona.

Kathy Hoffmann-Grotting, BS'72, OTR/L, FAOTA

Sarah Cunningham, OTD '09 is Corporate Wellness Manager at ECC, a private company of 500 employees that contracts with the government, in

Lakewood, CO. Since implementing Dr. Cunningham's wellness programming, ECC employees have lost 1,600 pounds, 34 employees have quit their cholesterol medications, 27 have quit their hypertension medications, 23 smokers have quit smoking and one of their senior executives won Colorado's Healthiest Executive Award. Wellness works!

Sarah Bream, OTD '09 was featured in the June 28th, 2010, issue of *OT Practice* with the article "Meeting the Mental Health Needs of Adolescents".

Julie Bissell, MA '79 was awarded the Pediatric Therapy Network Alice S. Bachman Clinician Award 2010: Linking Practice with Research earlier this year.

Karina Buettgenbach, MA '09 won \$50,000 as a recent contestant on the gameshow "Don't Forget the Lyrics." Rock On!

Faculty>>

New Faculty Practice faculty **Susan McNulty, OTD '10**, has developed a Lifestyle Redesign® for Chronic Headaches and Migraines program and recently presented at a conference in New Zealand. Faculty Practice therapist **Karen McNulty, OTD '08** and Director **Camille Dieterle, OTD '08** presented "Life Coaching: Possibilities for OT practice" at the AOTA Conference in May 2010. Faculty Practice clinician **Chantelle Rice, OTD '09**, presented her "Lifestyle Redesign® for Diabetes" poster and gave a recent presentation about the program at Rancho Los Amigos National Rehabilitation Center. Dieterle and Rice also presented at the OTAC Conference in October on Lifestyle Redesign® for Weight Management, while Dieterle and Susan McNulty presented Lifestyle Redesign® for Pain Management at OTAC.

Kim Wilkinson, Ph.D. '09 and current post-doctoral resident, founded the USC Autism Interest Group in collaboration with Pat Levitt, Ph.D., Director of the USC Zilkha Neurogenetic Institute, and with faculty at the USC Viterbi School of Engineering.

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[IN MEMORIAM]

Gary Kielhofner, MA '75, Scholar and MOHO Innovator

Gary Kielhofner, Dr.P.H., OTR, FAOTA, former head of occupational therapy at the University of Illinois at Chicago (UIC), holder of the Wade-Meyer Chair professorship and a leading expert in occupational behavior and therapy died September 2, 2010, following a brief illness. Kielhofner earned his B.A. in psychology from St. Louis University, his M.A. in occupational therapy from the University of Southern California in 1975 and his Doctor of Public Health degree from the University of California, Los Angeles' neuropsychiatric institute. He held prior faculty appointments at Boston University and Virginia Commonwealth University.

While at USC, Kielhofner began developing the Model of Human Occupation (or "MOHO") along with fellow USC Occupational Therapists Janice Burke and Claudia Allen. MOHO grew to become a widely influential approach to understanding the psychosocial challenges faced by people with disabilities, and is now used by therapists around the world. He authored nearly 20 books and several hundred clinical and research papers based on the theoretical model, and he served on the editorial board of many leading professional journals. He received numerous honors and awards, including several honorary doctorates, and was the College of Applied Health Sciences' 2009 Professor of the Year. Contributions can be made to the UIC OT Model of Human Occupation Research and Scholarship Fund, University of Illinois Foundation, 1305 W. Green St., MC 386, Urbana, IL 61801. He will be dearly missed.



Photo credit: MOHO Clearinghouse

-Abridged from Paul Francuch, UIC Office of Public Affairs

Former faculty member **Diane Kellegrew** is the new Regional Director at Strategies, a training and technical assistance support for Family Resource Centers (in the Child Welfare System) funded by the California Office of Child Abuse Prevention.

Students>>>

Current OTD residents **Suzanne Smith Roley, M.S., OTR/L, FAOTA** and **Julie Bissell, MA '79, OTR/L** coauthored with Gloria Frolek Clark, M.S., OTR/L, FAOTA, "Providing Occupational Therapy Using Sensory Integration Theory and Methods in School-Based Practice" for the AOTA Commission on Practice. This official AOTA document, published in *AJOT* in late 2009, replaces prior AOTA official documents delineating the use of SI occupational therapy practices in school based settings.

Ph.D. students **Leah Stein, MA '06** and **Amanda Foran**, along with Professor Sharon Cermak, Ed.D., recently published "Occupational Patterns of Parents of Children with Autism Spectrum Disorder: Revisiting Matuska and Christiansen's Model of Lifestyle Balance" in the *Journal of Occupational Science*.

Ph.D. student **Aaron Bonsall** and wife Suzanne welcome adopted son Thomas Jay Bonsall, born May 12, 2010, into their family. Congratulations!

Jennifer Slusser, OTD '10, MA '09, organized the first-ever Occupational Therapy booth at the HOPE (Hematology-Oncology Psychosocial and Education) Cancer Event, sponsored by Childrens Hospital Los Angeles, in June. The event is one of the largest of its kind and emphasizes life-long health promotion and wellness through a health fair with booths run by hospital, community, and national agencies.

Mike McNulty, OTD '10, in conjunction with **Sharon Lee, BS '80, OTR/L, CHT**, Associate Administrator of Clinical Ancillary Services at USC University Hospital, led a smoke-free initiative to make USC University Hospital, USC Norris Comprehensive Cancer Center, the Health Care Consultation Clinics and Doheny Eye Institutes into smoke-free hospital campuses. The initiative successfully launched on October 1st.

Let's Keep In Touch!

We'd like to hear from you and share your news in an upcoming issue. Please contact Jackie Mardirossian at jmardiro@usc.edu with your name, degree, year of graduation, and contact information.

Tell us where you are in the world, what you're doing in practice, and what you do to stay occupationally balanced!

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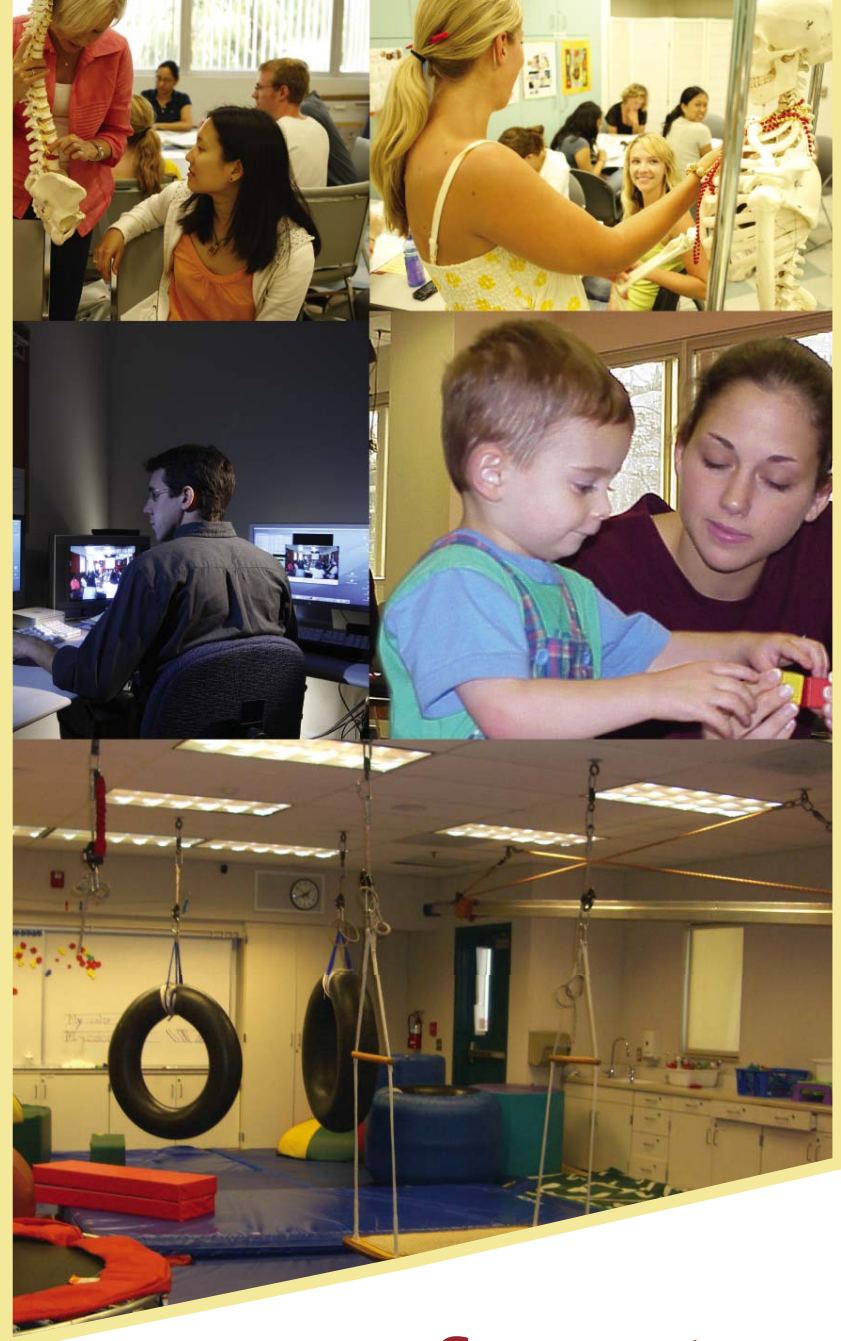
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