

THE ENGAGED SCHOLAR *Magazine*



Professor Igor Vojnovic and a team of students discuss how community design can support daily mode-of-travel choices and healthier living—page 10.





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Michigan State University

Kellogg Center,
Garden Level

East Lansing,
Michigan 48824

Phone: (517) 353-8977

Fax: (517) 432-9541

E-mail: outreach@msu.edu

Web: outreach.msu.edu

Editor

Linda Chapel Jackson

Contributing Writers/Editors

Amy L. Byle
Lisa M. Eldred
Catherine A. Gibson
Carla J. Hills
Vivek Joshi

Art Director/Designer

Brian P. Cools

Cover Photo
Paul J. Phipps

Reviewers

Linda W. Currier
Burton A. Bargerstock
Hiram E. Fitzgerald
Ghada Georgis
Julie A. Hagstrom
Adina A. Huda
Bradley M. Smith
Diane L. Zimmerman

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Foreword: Families, Work, and Health

For many people, achieving a healthy balance between their public and private commitments is one of the major challenges of life. In fact, having a harmonious relationship between the two spheres might almost be considered a definition of health.

Challenges that often confront families include partner and in-law relationships, child care arrangements, career pressures, financial management, and adapting educational and other personal goals to family needs. Some families learn to cope with other constraints as well, such as frequent relocation (as in military families) or caregiving for the chronically ill.

In the past these issues were typically addressed on a personal basis. However, the powerful social pressures of the 21st century are forcing a redefinition of every aspect of modern life. The very nature of families, workplaces, and

communities is shifting, and doing so at an ever-accelerating rate. A decision about whether to stay home for the day with a sick baby involves many considerations, from the risk of exposure for other children at the baby's child care center to disrupting the work flow of the parent's department or business. Separating the personal from the societal is no longer a simple or intuitive process.

In turn, many employers have tried to help employees balance their work-family demands through "family friendly" policies and practices such as flextime, telecommuting, job sharing, and onsite child care. These efforts can go a long way toward recruiting and retaining top employees, but results have been mixed.

The realities of health care coverage—or lack of it, for the unemployed and underemployed—modify the level of care that health professionals are able to provide for patients and clients. Families of surgical patients are often

expected to give the post-operative care that once was provided by skilled nurses. Many health care professionals have stepped into the breach with a more holistic approach that assesses home environment along with a patient's other medical strengths and vulnerabilities, and attempts to support the caregivers along with the patient. They are exploring such solutions as targeted health education Web sites and using new technologies to monitor and stay in touch with patients from a distance.

This issue of *The Engaged Scholar Magazine* looks at what MSU researchers, clinicians, and educators are finding out about what works—for families, for businesses, for health care and other family service providers, and for communities.

Linda Chapel Jackson
Editor

THE ENGAGED
SCHOLAR *Magazine*

FAMILIES



Photo by G. L. Kohuth, MSU University Relations

John Seita, a Social Work faculty member who works with the Child Welfare Learning Collaborative, talks to a panel of former foster children at a CWLC event.



Gary R. Anderson



Jo Ann P. McFall



David G. Knaggs

“When we nurture strong collaborative relationships with external groups, our outreach efforts can result in clear positive benefits for all participants. This effort has benefited MSU in all three major areas of its responsibility—scholarship, teaching, and service.”

Gary Anderson

The program is modeled, in part, after the practice of “grand rounds” in medical teaching hospitals, which bring academic and practitioner experts together to share knowledge and review cases.

Making the Rounds: Child Welfare Learning Collaborative

Gary R. Anderson

Jo Ann P. McFall

David G. Knaggs

School of Social Work

College of Social Science

The director of MSU’s School of Social Work, **Gary Anderson**, and his colleagues are all about making connections—between academic disciplines, education and research, policy and practice. To advance the welfare of disadvantaged and vulnerable families, Dr. Anderson and the School’s faculty members have helped to forge numerous creative partnerships in support of this goal, from post-adoptive family services to reintegration of ex-offenders, kinship care, foster care, and geriatric programs.

Jo Ann McFall, Associate Director for Field Education in the School of Social Work, matches students with appropriate agency field experiences. In addition to a professional interest in curriculum development and educational outcome assessment, she has 25 years of clinical experience and teaches the advanced clinical methods courses at the School.

David Knaggs is a Social Work clinical instructor with an interest in asset-based social change through integration of scholarship with best practices in the field.

Anderson, McFall, and Knaggs were key players in developing the Child Welfare Learning Collaborative (CWLC), a partnership among the School of Social Work, University Outreach and Engagement, and St. Vincent Catholic Charities (STVCC) of Lansing.

The Collaborative is a teaching initiative that places MSU faculty and students in STVCC’s out-of-home treatment center, working with children and families who have experienced a range of challenges including child abuse and neglect. The initiative was built on a longstanding association between University-Community Partnerships (part of MSU’s Office of University Outreach and Engagement) and STVCC. David Knaggs, who has held appointments in both Social Work and University Outreach and Engagement, facilitated the project’s development.

The program is modeled in part after the practice of “grand rounds” in medical teaching hospitals, which bring academic and practitioner experts together to share knowledge and review cases. The CWLC’s grand rounds presentations are offered to agency staff, MSU faculty and students, and, occasionally, foster parents. Topics range from brain development to coping with challenging adolescent behavior.

STVCC has become the largest field placement opportunity for social work students in Michigan. During the 2004-2005 academic year 26 students were placed at the agency, which provided 780 hours of professional supervision to them. In turn the students gave 12,480 hours of service to clients and their families. The students gain field experience; the faculty gain an opportunity to do collaborative, agency-based research; and the agency staff gain access to the University’s expertise network.



Knaggs said, “The whole idea evolved from a conversation between Annette Abrams and **Sherri Solomon**.^{*} Drawing on her experience as a former nurse, Sherri asked, ‘Are there teaching service agencies that train service professionals onsite, like teaching hospitals?’ We did a literature review on the topic, and we found no existing university-agency relationship anywhere in the country that used anything analogous to a teaching hospital format.”

Solomon said, “The Collaborative has enabled our agency to improve its quality of care in spite of budget cuts. Our staff are exposed to current research regarding best practices and policy implementation. They have the opportunity to attend workshops and case presentations with specialists. It’s a great synergy.”

Anderson agreed. “When things go right in foster care, we ask what happened and how can we do more of that? Our joint goal is to find ways of connecting research with real life experiences. This project has shown that when we nurture strong collaborative relationships with external groups our outreach efforts can result in clear positive benefits for all participants. This effort has benefited MSU in all three major areas of its responsibility—scholarship, teaching, and service,” he said. ●

*President and CEO of STVCC. Annette Abrams was Director of University-Community Partnerships from 2000 until her death in 2005.

FAMILIES

Chance at Childhood trains students and professionals in law and social work to cooperate with one another... Director Joseph Kozakiewicz says, "Program alumni have reported that they are more comfortable and knowledgeable in the field."

Giving Kids a Chance at Childhood

Joseph Kozakiewicz

School of Social Work
Colleges of Law and Social Science

For its mission, the Chance at Childhood program seems remarkably small. Staffed by four full-time members and a varying number of students (16 in 2006-2007), the program is an outcome of a child advocacy commission designated in 1998 by Connie Binsfeld, former Michigan lieutenant governor, to make recommendations for improving the status of children caught in Michigan's legal system.

Chance at Childhood trains students and professionals in law and social work to

cooperate with one another. The director of the program, **Joseph Kozakiewicz**, holds appointments in both Social Work and Law.

Historically, lawyers and social workers have been at odds because of differences in their educational backgrounds. Social workers tend to be unfamiliar with the Socratic method, which provides the basis for most legal education and investigation. Law students, in turn, are unfamiliar with the perspectives that inform the practice of social work. Chance at Childhood presents students with an interdisciplinary view.

In addition to completing required courses in disciplines other than their own, students in the program work in interdisciplinary teams and are assigned a variety of cases each semester. For this process to be successful, the partnered law and social work students must agree when drafting court reports and making recommendations regarding the children they represent. They are not allowed to draft only the portions that address their own specialized training; cooperation is required throughout the work.

"Program alumni," Kozakiewicz said, "have reported that they are more knowledgeable and comfortable working in the field given the experience they obtained through Chance at Childhood." He also noted that "student work has positively impacted the legal system itself. Judges and court staff have been thoroughly impressed with the students' professionalism and ability to advocate effectively for children."

As Kozakiewicz and his staff, including Educational Program Director Kim Steed and Attorney Delanie Pope, have developed relationships with various courts, other courts have begun to contact them in search of new or additional services.

Ingham County, for example, recently approached them to begin a supervised parenting time program. In most cases it is important for children to interact with both parents. However, one parent may be considered unfit to parent safely because of a criminal record or a history of domestic or substance abuse. In these cases, the courts require a supervisor to be present when the child interacts with that parent.

Previously, parents had relied on independently paid supervisors. Many parents could not afford the fee and thus the amount of time they could spend with their child was severely limited. Now, with funding provided by a grant from the State Court Administration Office, students in the Chance at Childhood program are supervising parental visits. While the



Staff attorney Delanie Pope (on right) reviews documents with students in the Chance at Childhood program.

students can only handle a limited number of cases, the program enables more parents to spend time with their children in a safe environment. This is the only initiative of its kind in the nation that is run through a university program.

Kozakiewicz and his team continue to tweak their program each year. "Our job is primarily as educators," Kozakiewicz said. "It's a challenge to continue balancing the education of students with meeting the overwhelming community needs in this field." ●

JOE
Snapshot
MSU

Outreach and Engagement at Michigan State University

A Few of MSU's Resources for Families

Source: Statewide Resource Network, www.msustatewide.msu.edu

Child Development Laboratories

MSU's Department of Family and Child Ecology (FCE) operates the Child Development Laboratories (CDL) in East Lansing and Haslett. The centers are open to all families in the greater Lansing area. CDL programs aim to help children feel challenged, creative, confident, and capable. Each classroom has student teachers pursuing a major in child development or family community services, and a head teacher who is a faculty member in FCE. Parents are required to participate in the classroom three times per semester and to donate additional hours via work parties and fundraising events.

www.fce.msu.edu/CDL/CDLHome.htm

Family and Child Clinic

MSU's Family and Child Clinic is a major resource for the treatment of issues related to couple relationships, remarriage and step families, parent-child adjustment, children in school, and family life cycle transitions. The Clinic is staffed by clinical faculty, supervisors in training, predoctoral interns, and master's practicum students. It is located at Olin Health Center.

www.fce.msu.edu/mft/MFTClinic.htm

Kinship Care Resource Center

Rather than allow a child to be placed in foster care, a relative—a grandparent, an aunt or uncle, or even in some cases an older sibling—may seek guardianship rights. The Kinship Care Resource Center works with both policymakers and caregivers to determine the needs of relative caregivers and how they are being met.

chanceatchildhood.msu.edu/projects.html

Family Research Initiative

MSU's Family Research Initiative is a university-wide, cross-disciplinary effort to link and coordinate MSU faculty who work within family research. The initiative aims to improve family and community life through research, promote collaborative family research and education at MSU, and develop innovative theoretical and methodological approaches to family studies. FRI is organized along five areas of research focus: health, risk, work, education, and culture/arts.

www.families.msu.edu



Focus on Children, Youth, and Families, 2006

\$1,422,233

Value of time invested by MSU faculty and academic staff in outreach and engagement activities focused on children, youth, and families

\$4,079,693

Revenue generated for the University by these activities

24%

Percent of faculty and academic staff engaged in these activities who also generated revenue for their partners

Online Resources

Post Adoption Support Services

MSU's School of Social Work, in partnership with Michigan Department of Human Services, maintains a Post Adoption Support Services Web site for families completing the adoption process. The site answers questions about adoption and offers a clickable database of resources in each Michigan county.

www.postadopt.msu.edu/default.asp

Partners in Care

MSU's College of Nursing offers a Web site for caregivers who provide support for ill, disabled, or elderly family members. Resources on the site include comprehensive definitions of various physical ailments, abstracts of research studies to improve the quality of life, self assessment tools, and links to other sites of interest.

www.partnersincare.msu.edu/index.asp

Inclusion and Intercultural Community Resources Directory

MSU's Office for Inclusion and Intercultural Initiatives created a directory of local businesses and organizations that serve the diverse members of the community. The database is searchable by topical keywords and diversity characteristics. It covers a broad range of categories, from children and families to transportation and travel.

www.inclusion.msu.edu/community

Source: Outreach and Engagement Measurement Instrument. See page 18 for more survey results and information about the OEMI.

Ingham, Jackson, and Wayne

Top three Michigan counties for this work

WORK

“Job autonomy—personal control over where, when, and how you work—may be the single most critical factor in employee well-being.”

Ellen Kossek

Balancing Work and Family Life

Ellen Kossek

**School of Labor and Industrial Relations
College of Social Science**

The nature and definition of employment and the workplace have changed dramatically over the past few years, following decades of major social and technological changes. Employers have tried to accommodate the shifting priorities in their workers' personal and professional lives with a host of “family friendly” policies and programs—flextime, telecommuting, job-sharing, and onsite child care, to name a few.

Despite these accommodations, reports of job-related stress continue to climb. Are the flex programs helping? How can we make them more effective? For two



decades **Ellen Kossek** of MSU's School of Labor and Industrial Relations has been interested in these types

of questions. Her ability to recognize and articulate key issues regarding the work-family interface has earned her an international reputation as a pioneer in the field.

Photo by Paul Phipps, University Outreach and Engagement



MSU employee Carla Hills balances work and family commitments.

Dr. Kossek cautions against making broad generalizations about work-life issues. “Don’t view flexibility policies and programs as a panacea, because they’re not,” she said. “The type of policy enacted, the degree of individual autonomy within the corporate culture, and how people manage their boundaries between work and home all matter.”

Kossek believes that “job autonomy—personal control over where, when, and how you work—may be the single most critical factor in employee well-being.” For example, she said, “a professional

consultant and a telemarketer might both ‘telework’ from home. But the outcomes will be different, in part because the telemarketer’s job is more tightly controlled.”

There may also be a gap between a company’s official flextime policies and its practices. “Managers may think these programs make their own job more difficult. Or they’re afraid that workers will come to view flextime as an entitlement,” said Kossek. In other cases, access to flexibility programs may be differentially applied

Dr. Kossek’s ability to recognize and articulate key issues regarding the work-family interface has earned her an international reputation as a pioneer in the field.

HOW DOES MSU STACK UP AS AN EMPLOYER?



MSU is an Award Winning "Cool Place to Work"

Michigan State University was recognized with a 2005 Cool Places to Work award co-sponsored by *Crain's Detroit Business* and the *Grand Rapids Business Journal*. Employers had to be nominated by an employee.

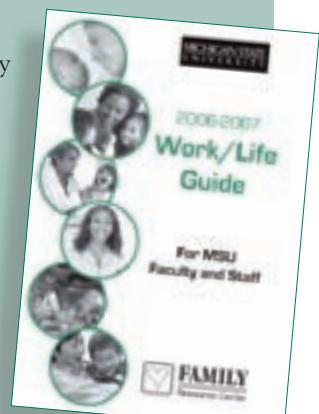
Nominees then were asked to fill out a detailed survey that measured workplace commitment to various programs, policies, and practices that contribute to great work environments. Those include workplace flexibility, promotion of diversity, benefits offered, attention to safety, and availability of professional development opportunities.

MSU Among Top Ten "Best Places to Work in Scientific Institutions"

In 2003 MSU was rated one of the top ten "Best Places to Work in Scientific Institutions" in the world, according to a survey in *The Scientist*. Based on criteria such as collegial relationships and appropriate access to resources, MSU ranked eighth in the survey. The University appeared again in *The Scientist's* "Best Places to Work for Postdocs" survey in 2005, ranking 4th among U.S. academic institutions and 14th for U.S. institutions overall.

MSU Promotes Family-Friendly Policies

MSU consistently promotes work/life balance and family friendly policies for faculty, staff, and students.



Family Resource Center

The FRC offers services and Web-based information about adoption, breastfeeding, child care (including emergency sick care), eldercare, teen parenting, work-life balance, and more.

<http://www.frc.msu.edu>

Employee Assistance Program (EAP)

EAP provides a safe place to share personal and work concerns in a non-judgmental, confidential environment. Counselors provide service, free of charge, to MSU employees and their immediate family members. Services include clinical assessment, short term counseling, and referral to other mental health resources when appropriate.

<http://uphys.msu.edu/eap>

Health4U

MSU's health promotion program encourages faculty, staff, graduate students, retirees, and their families to redefine the way they think about health. Health4U offers programs, services, and activities designed to make a positive difference in participants' own health and the health of the campus community. Take a class or sign up for exercise sessions.

<http://health4u.msu.edu>

if supervisors only grant flexibility access to their top performers. Such corporate mixed messages may be "understandable, but they leave the employee wondering whether it's OK to ask for the flextime or not."

Not all work-family integration stress goes in the same direction. "When life on the home front becomes stressful, some people use their jobs as an escape hatch," said Kossek. "We haven't done enough research on how people differ in their preferences for managing work and family boundaries. Some people are segmenters, wanting to keep their work and family time completely separate. Others are integrators. They're happy to check their E-mail while the cookies are baking."

Dr. Kossek's latest research effort is a partnership with Dr. Leslie Hammer, Department of Psychology, Portland State University (wfsupport.psy.pdx.edu): "We want to examine supervisor behavior, that is, managerial support for work and family as it's actually practiced. We also want to start making an explicit link from work and family role conflicts to the health and safety of workers." The \$1.4 million project is co-funded by several agencies, including The National Institutes of Health, as part of a national interdisciplinary network on work and family (kpchr.org/workplacenetwork). ●

"I'm just glad my three jobs could be during the day."

Participant in
Women and Work
in a Rural Community Study*

● Women and Work in a Rural Community

Barbara D. Ames

Department of Family and Child Ecology
College of Social Science



Far from the stereotype of idyllic pastoral living, the experience of rural women workers can be challenging and stressful, according to research led by **Barbara Ames** of MSU's Department of Family and Child Ecology. Economic restructuring in rural areas can precipitate poverty related to gender issues in agriculture and service-sector employment, seasonal work, low wages, inadequate availability of child care and health care, long commutes to jobs and schools, and lack of technology such as access to the Internet.

To better understand the experiences of wage-earning women in the context of rural economic restructuring, Dr. Ames and her co-researchers, Whitney A. Brosi of Oklahoma State University and Karla M. Damiano-Teixeira of the Universidade Federal de Viçosa, Brazil, recently undertook a qualitative study of women workers in a rural northern Michigan community. MSU's Michigan Agricultural Experiment Station funded the study and MSU Extension county staff helped recruit local participants for semi-structured interviews.



Not surprisingly, Ames' study found that the prevailing economic concerns were low wages and lack of jobs with benefits. Women workers in the study often had ties to rural family businesses, but no clear demarcation between their jobs and those of their spouse and extended family. Family-owned businesses, some agricultural, were a common source of employment, but often in addition to other jobs. As one participant said, "I'm just glad my three jobs could be during the day." These women were also the members of the family who addressed school, child care, and health care issues.

Several of the community leaders who participated mentioned, with pride, the "community support team" that had been established to assist families in need, but, said Ames, "none of our women participants mentioned it. They used their own strategies and personal employment approaches to adapt and cope with these difficult situations." Assistance from friends, coworkers, and family members was seen as a major resource. These informal social supports and family ties were identified as reasons for staying in the challenging circumstances.

According to Ames, some of the challenges that rural women workers face could be addressed, at least in part, by policies and practices that:

- Explore technological solutions (such as courses via teleconference or the Internet)
- Develop child care options through incentives (such as tax breaks or vouchers for employers) to support providers who offer nontraditional hours
- Address the realities of kinship care for children, the elderly, and the chronically ill. ●



**Outreach and Engagement at
Michigan State University**

*Ames, B. D., Brosi, W. A., & Damiano-Teixeira, K. M. (2006). "I'm just glad my three jobs could be during the day": Women and work in a rural community. *Family Relations*, 55, 119-131.

Spotlight on Engaged Student Scholarship



Cynthia Vagnetti's photographs and interviews with farm women have been part of her exhibits, including comments from Cindy Dutcher, pictured above and quoted at right.

Voices of American Farm Women

Cynthia Vagnetti

**Ph.D. Student in Rhetoric and Writing
College of Arts and Letters**



For the past 15 years independent artist and scholar **Cynthia Vagnetti** has collaborated with community-based organizations to produce public humanities programs about farmers and ranchers advancing sustainable agriculture. Vagnetti has created primary source materials through documentary media in film, print, videotape, and audiotape; authored the ExhibitsUSA traveling exhibition *Voices of American Farm Women*; and co-authored *People Sustaining the Land*. Her collection *Voices from the Field* is the foundation for numerous educational documentaries, some of which have aired on public television. Currently her scholarship and civic engagement concentrates on farm women and families, health, labor, and immigration as a lens for facilitating public discourse on food, farming, and community issues. Vagnetti is the recipient of the MSU 2006-2007 Varg-Sullivan Award in Arts and Letters. ●

"This kind of agriculture is farming from your heart and your hands. It means you have to be really sensitive to the moods of the land and your animals. Alternative agriculture lets you be as individual as you are. John and I work well together. We're fortunate in that we came to a conclusion quite a few years ago that we didn't have men's work and women's work... We just had a lot of work and it all needed to be done."

Cindy Dutcher
Goetzville, Michigan, 2003

Focus on Labor Relations, Training, and Workplace Safety, 2006

\$324,414

Value of time invested by MSU faculty and academic staff in outreach and engagement activities focused on labor relations, training, and workplace safety

\$530,394

Revenue generated for the University by these activities

Source: Outreach and Engagement Measurement Instrument. See page 18 for more survey results and information about the OEMI.

HEALTH



Photo by Paul Phipps, University Outreach and Engagement

Jieun Lee, Tom Springsteen, Igor Vojnovic, Zeenat Kotval, and Gabriela Frask work on a model.

Principles of Community Walkability

<i>Level</i>	<i>Key Factors</i>	<i>Comments</i>
Region	Work trips	Avoid a dispersed metropolis with no clear core. Public transit can do a better job of serving a high-density area with employment and population concentrated at the center.
Subregion (within-city)	Personal travel (errands, recreation)	Localize the errands. Reduce the distance between destinations to make trips shorter on average.
Local (city block)	Streetscape, pedestrian safety, and distance	Give pedestrians more streetscape texture. They travel at lower speeds, so it's more relevant to them.

Adapted from: Vojnovic, I., Shannon, S., Kotval, Z., & Lee, J. (In preparation). Built environments: Planning cities to encourage physical activity. In D. Davies (Ed.), *Obesity in America: Biomedical and nutritional issues*. Westport: Praeger.

“Urban built environments need to strike a balance between the needs of different modes of travel: the automobile, transit, walking, and cycling.”

Igor Vojnovic



Photo by Igor Z. Vojnovic

Building Walkable Communities

Igor Z. Vojnovic

Department of Geography
College of Social Science

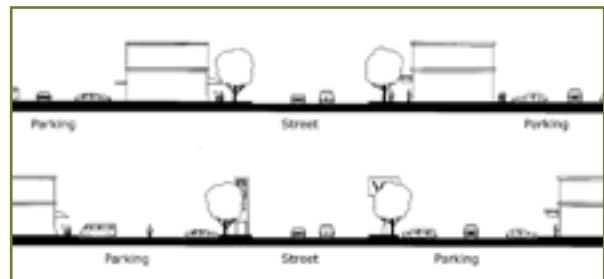


Igor Vojnovic loves living right next to downtown East Lansing. “My wife and I can walk to our favorite restaurants, our bank, and book stores. She walks to work in ten minutes,” he said. “It makes a lot of economic and environmental sense.”

Dr. Vojnovic heads a \$643,000 collaborative study, funded by the National Science Foundation, to pinpoint key factors in mode-of-travel choices. His partners include a multi-university team of geographers, epidemiologists, statisticians, and urban planners, along with the Governor’s Council on Physical Fitness, the Michigan Suburbs Alliance, the City of Detroit, Blue Cross Blue Shield, and other agencies.

The research aims to determine how variations in income, race, age, and gender affect travel behavior in six diverse neighborhoods between Detroit and Ann Arbor. “We have a national obesity epidemic,” said Vojnovic, “and it’s hitting some populations harder than others—

Reducing barriers—minimal setbacks bring people and buildings closer together, facilitate window shopping, improve pedestrian access to buildings, increase street activity, and create a more interesting pedestrian environment.



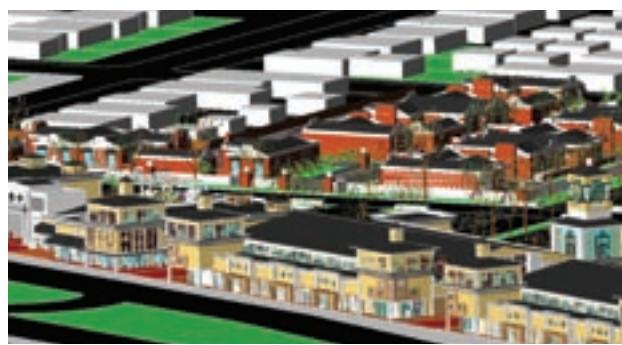
African-Americans, Hispanics, the elderly, women. What are some of the variables that influence their commuting decisions?”

The project started on a smaller scale in the Lansing area, with funding from MSU’s Land Policy Institute and the Community Vitality Program. The pilot research found that in high density, mixed use neighborhoods more residents walked to their work, shopping, and leisure activities.

Interestingly, although residents in the lower income Lansing neighborhoods lived further from these destinations, they still walked proportionately more. “We hypothesized that their reliance on walking

and biking might simply be a result of having less access to cars compared to households in wealthier neighborhoods,” said Vojnovic. “Another revealing aspect of the Lansing study was that fewer women participated in physical activity, whether moderate or vigorous, than men.”

Of course community design isn’t the whole health picture, “but walking to work and other daily activities can be part of it,” he said. “We know that these choices are culturally based. People have to value exercise and health. Physical environments in themselves do not determine behavior; however, they can be supportive or inhibitive of making healthy choices.” ●



Model by Anthony Knapp and Blake Scheller for the City of Eastpointe



Model by Jonathan Archer and Emily Hunter for Meridian Township

Students in Igor Vojnovic’s Metropolitan Environments class employ designs that encourage non-motorized travel. They prepared these development proposals pro bono for Lansing- and Detroit-area municipalities. The proposals were presented as 3-D computer-aided design models.

● Telehealth Networks: Combining Information Technology and Medical Expertise

Pamela S. Whitten

Department of Telecommunication, Information Studies, and Media
College of Communication Arts and Sciences



MSU telecommunication professor **Pamela Whitten** has spent her professional career combining two challenging fields of study. Dr. Whitten focuses on improving the accessibility and quality of health care by establishing and supporting telehealth networks to meet the needs of rural and underserved residents.

Telehealth networks use technology such as video conferencing, streaming media, and wireless communications to provide patient care over long distances.

One of her current partnerships, the Midwest Alliance for Telehealth and Technology Resources, includes Michigan State University, Marquette General Hospital in Marquette, Michigan, the University of Kansas, and Purdue University.

“Many people in rural areas don’t have access to state-of-the-art capabilities in health care or there are economical and logistical hurdles for sustaining long-term care,” said Whitten. “This project will enable health organizations across the three states to implement communication technologies that increase access and quality of care.”

Susan Makela, Director of Telehealth at Marquette General Health System, was equally enthusiastic about the partnership. “Pam brings her expertise in telehealth and academic research to many of the Upper Peninsula Telehealth Network (UPTN)

projects,” she said. “This has assisted us in putting the UPTN, with hub operations at Marquette, on the map in regard to telehealth leadership for organizations. Many UP residents now have access to specialty care via the UPTN with grassroots efforts that Pam was involved with. She has provided long-term friendships and partnerships that speak volumes to her personality and people skills.”

Whitten has employed a wide range of technologies to deliver health services to urban and rural residents, ranging from videoconferencing over high bandwidth to videophones that operate over simple home-based analog phone lines. She has also incorporated medical peripheral devices that enable health providers to listen to heart sounds or look into patient’s ears and throats in real time. Using distance technology, health care providers can assess the patients’ appearance and responses to help evaluate symptoms and explore treatment options.

Whitten is also investigating icon- or picture-based health education Web site design for patients with limited computer skills, formal education, or English language comprehension. She is enthusiastic about the future of health communication and the use of communication strategies to inform individual and community decisions that enhance health. “We have two powerful resources—information technology and advanced medical knowledge—that merge to offer improved health care to underserved populations, such as rural residents. As new technology and medicine capabilities develop we will dedicate our efforts to weaving them into our work. Telemedicine is real health care service that can make a difference,” she said.

In 2004 the National Library of Medicine and the American Medical Women’s Association named Whitten a Michigan “Local Legend,” an honor bestowed upon women who have demonstrated commitment, innovation, or creativity in the field of medicine. ●



A telehealth videoconference at Marquette General Health System, Marquette, Michigan.

“OsteoCHAMPS doesn’t just bring diversity to the profession, it also benefits patients by encouraging students who become osteopathic physicians to provide medical care in underserved communities.”

Margaret Aguwa

Reducing Ethnic Disparities in Health Care

Margaret I. Aguwa

College of Osteopathic Medicine



Researcher. Clinician. Mentor. Administrator. Volunteer. **Margaret Aguwa**, Associate Dean for Community Outreach and Clinical Research, College of Osteopathic Medicine, has worked tirelessly to involve members of ethnic minority and disadvantaged groups in the medical professions and in advancing their own health care.

Dr. Aguwa's research interests range from women's health, to African health, to osteopathic medical education. A breast cancer survivor herself, Aguwa founded a breast cancer survivors' support group and was one of the first to devote programs to African-American and Latina cancer patients. She directed and produced a medical video on breast self-examination for minority women, with minority women as models. This work won her a Merit Award in 1992 from the Michigan Division, American Cancer Society.

Aguwa developed, founded, and directs OsteoCHAMPS (Careers in Health and Medical Professions), an innovative research and outreach “pipeline” program that promotes health careers to disadvantaged high school students in Michigan. The highlight of the initiative is its summer Pre-college Residential Enrichment Program (PREP). For two weeks in July, high school juniors and seniors visit the MSU campus for courses, workshops, and research with medical professionals. The students also learn methods to enhance their study, motivation, leadership, and basic science skills. The program is primarily financed by osteopathic hospital foundations.

OsteoCHAMPS has grown from a small group of 11th grade students from Detroit in 2002 to about 25 participants annually from six Michigan communities. “We have been amazed at the preparedness of these young students, their level of research, and some of the recommendations they have proposed,” said Aguwa. She pointed out that “OsteoCHAMPS doesn’t just bring diversity to the profession, it also benefits patients by encouraging students who become osteopathic physicians to provide medical care in underserved communities.”

OsteoCHAMPS' many partners include schools, hospital foundations, and MSU Extension, among others. “Extension agents scout out kids for us,” said Aguwa. “There's a guy in Muskegon, Frank Cox, who is just wonderful. He meets with the kids every two months. They do job shadowing with physicians. If students get admitted to OsteoCHAMPS, he helps them find scholarships. His dedication really shows results.”

Cox prefers to give the credit to Aguwa: “Dr. Aguwa has opened a door for positive youth development through higher education,” he said. “As a 4-H educator I greatly appreciate her vision to promote the health sciences for minority and disadvantaged high school students in Michigan, especially here in Muskegon County. OsteoCHAMPS has been a great benefit for the student participants in Muskegon. Because of Dr. Aguwa, we have an awesome opportunity to help educate high school students on their career passion for the health sciences.”



Twelfth graders in the OsteoCHAMPS program. Three members of the initial cohort (2001-2002) have since matriculated at MSU's College of Osteopathic Medicine.

Aguwa's research work also combines her twin themes—training medical students in cultural sensitivity and patient lifestyle issues, and improving health care for the disadvantaged. With funding from Michigan Department of Community Health, she has developed a program that will better prepare MSU osteopathic medicine students to understand and serve Medicaid patients with diabetes. The students receive intensive training on both diabetes education and interacting effectively with Medicaid patients. Aguwa said, “We want our students to understand the societal importance of working with Medicaid patients. They need to use language that is easily understood by lay persons, deliver culturally appropriate care, and see that their patients' access and transportation issues are addressed.” The program evaluation is ongoing, and uses student feedback in making alterations and improvements. ●

“Family members...provide care that we don’t allow our own nursing students to do until the second or third year of their nursing school program.”

Barbara Given

Family Home Care for Cancer

Barbara A. Given

College of Nursing

Most cancer patients today do not stay in a hospital while receiving chemotherapy and other cancer treatments, so partnering with the family in care is often a vital part of a cancer patient's treatment regimen.



According to **Barbara Given** of MSU's College of Nursing, "family caregivers are invisible to our health care system, even though they complement the

formal system in an irreplaceable way. Their unpaid labor also reduces the cost of formal health care. Caregiving requires about 20 hours a week while patients are in active cancer treatment, and twice that for patients who are at the end of life." She also pointed out that "we ask these family members to provide care that we don't allow our own nursing students to do until the second or third year of their nursing program."

As a result of this extra "job," caregivers who are employed (and more than half of them are) often experience fatigue, anxiety, and depression. They may not eat well, exercise, or get enough sleep. They often forego leisure, personal, or social time. They may quit work or take early retirement in order to provide care.

Dr. Given is working to improve this difficult situation for caregivers while ensuring quality care for patients. She is an expert on home care for patients with chronic illness, particularly cancer patients. Her research has been recognized nationally and internationally. She has conducted research, written policy papers, and made presentations to the National Cancer Institute (NCI) and the Institute of Medicine, among others. She has also conducted workshops for professional groups.

"Pain and fatigue are the two most prevalent symptoms and side effects of cancer and cancer treatment, and the most difficult for patients and their family caregivers to manage," said Given. "They drive the number and severity of other symptoms, so helping patients and their families manage these symptoms is critical to both the comfort of the patient and the confidence of the caregiver."

With funding from NCI, Given and her research partner, Dr. Charles W. Given of MSU's Department of Family Practice, are implementing an earlier study in which cancer patients and their home caregivers received a series of six nurse intervention contacts over an eight-week period. The intervention comprised a series of phone calls designed to help the patients and the caregivers deal with symptom management.

The current research aims to fine-tune the number of intervention sessions and tailor the intervention specifically to both the patient's and the caregiver's needs. "Our more than 30 years of research have shown that this type of intervention can reduce the number and severity of patient symptoms, improve physical function, and reduce both patient depression and caregiver burden," Given said. "Our work has demonstrated that patients in partnership with family caregivers do benefit from specific guidance for the management of side effects from treatment. This leads to a better treatment experience overall. Patients are very satisfied with the program and suggest it be made available to all patients and families receiving chemotherapy." ●



Dr. Given and colleagues developed the Partners in Care Web site to provide information, assistance, and support to family caregivers.
partnersincare.msu.edu



Outreach and Engagement at Michigan State University

Peter LaPine and medical students assist a young patient at the Angel Notion Clinic



● Partnership with Angel Notion Clinic

Peter LaPine

Department of Communicative Sciences and Disorders
College of Communication Arts and Sciences

Playa del Carmen is a beautiful resort town in the Yucatán peninsula, yet the native Mayan population lives in impoverished conditions. Medical and educational services are often unavailable or unaffordable. Even when such options are available, the Mayans simply view everything—both good and bad—as a gift of God. To correct a speech-language disorder caused by a stroke, for example, might be a contradiction to God's will. In fact, the Mayans do not have a definition for the language disorders common to stroke rehabilitation. They also do not have an organized system of health care.

In the United States, problems such as cleft lip and palate would normally be treated by a multidisciplinary team, typically including a pediatrician, dentist, orthodontist, plastic surgeon, otolaryngologist, prosthodontist, psychologist, audiologist, and speech-language pathologist. In Playa del Carmen they are either treated in the clinic operated by Angel Notion, a local nonprofit organization, or not treated at all.



It is this cultural mindset which **Peter LaPine** hopes to change. Dr. LaPine first began partnering with Angel Notion in 2000, when he, several colleagues, and about a dozen graduate students worked at a school for special needs students. Almost all of the 109 students in the school had primary hearing impairments with associated speech/language and educational deficits. Rather than focusing only on clinical work, the MSU students gave daily presentations in Spanish to the teachers, parents, and community members on special needs issues and their treatments.

Since that time, the program has continued to grow steadily. About 3,000 families have been touched by the 270 people who have accompanied LaPine on his 18 medical trips to Mexico. Accordingly, he wants to continue to develop the educational aspects of his work. Partnering with several Mexican universities and the Angel Notion clinic, he is developing a telemedicine and distance learning program that will train local young people to assist impoverished parents in recognizing potential health

problems. These aides will also learn to train parents on nutrition and child development issues. LaPine also hopes to design a “real-time” cleft-palate clinic that would operate from Playa del Carmen. Students at Michigan State would view and participate in the clinical process; MSU faculty would then pass along recommendations to parents and professionals in Mexico.

LaPine has found, since beginning his work in Mexico in general and with Angel Notion in particular, that his research interests have become more broad and his style more flexible. “I could limit my research to voice restoration following laryngeal cancer and help one or two people a day,” he said, “or I could expand my interests and help one or two hundred.” He has also learned about adaptability in general. Having few of the modern resources a typical United States resident would take for granted, the Mayans have figured out ways to adapt to their difficulties. “One patient missing the bone and joint structures of the wrist,” LaPine recounted, “uses the top of a shoe as a brace.” It is this sense of adaptability he hopes to impart to his students. “Structures and techniques are important,” he said, “but so are creativity and adaptability.” ●

Focus on Health and Health Care, 2006

\$3,517,664

Value of time invested by MSU faculty and academic staff in outreach and engagement activities focused on health and health care

\$17,392,460

Revenue generated for the University by these activities

19%

Percent of faculty and academic staff engaged in these activities who also generated revenue for their partners

Ingham, Jackson, and Wayne

Top three Michigan counties for this work

Source: Outreach and Engagement Measurement Instrument. See page 18 for more survey results and information about the OEMI.

Outreach and Engagement at Michigan

Each issue of The Engaged Scholar Magazine will feature a brief “think piece” about the theory and practice of engaged scholarship.

For this issue, Associate Provost for University Outreach and Engagement Hiram E. Fitzgerald builds on the issue’s theme of healthy families, but broadens the lens to look at what makes for healthy neighborhoods and communities.

Like families, communities can be characterized on a spectrum of health from “at risk” to “thriving.” Researchers can assist communities and neighborhoods in restoring and transforming themselves using innovative capacity building and community transformation models.

● Restoring Community Self Determination

Hiram E. Fitzgerald
Associate Provost for University Outreach and Engagement



During the past century, the world-wide transition from rural to urban life accelerated at an unprecedented rate. Humanity can now be characterized as an urban species.

Eighty-three percent of all people reside in urban areas. Eighty-five percent of all jobs are created in urban areas.

Yet there is a concern about the quality of life in our cities. Many neighborhoods, and indeed whole cities, face complex and difficult issues. All too often “at risk” neighborhoods are characterized by concentrated poverty, racial separation and isolation, low levels of academic achievement among children, a poor economic base for industry, weak social ties, and a sense of powerlessness and isolation. Lack of self-sufficiency and self-determination undermines the human and social capital that is essential to restoration of neighborhood, community, and perhaps, American democratic values.

While no single approach can magically transform “at risk” communities into “thriving” ones, some models are approaching community change from a new and promising perspective. These models, referred to as comprehensive community-building initiatives (CBIs) or community-based participatory research (CBPR), recognize that change in individuals is fundamental to development of community self-determination and transformation.

CBIs focus on the core components of social networks—engagement in communities at the personal, social, educational, and economic levels. They involve building self-determination, self-confidence, personal skills, relationships



Photo by Igor Z. Vojinovic

From “at risk” . . .

among and between neighborhoods and institutions, a sense of power over personal and neighborhood life, and access to and control of resources.

Thus, transforming communities requires transformation of neighborhoods, which in turn requires transformation in residents by creating a sense of community, organized participation, formal and informal neighboring, and a belief in collective efficacy (the ability to achieve change). All of these are foundational to creating a sense of well-being, both individually and collectively.

Such changes in attitudes and behavior are achieved by participation in block, neighborhood, and building associations; faith-based community service or advocacy committees; and coalitions, school-based associations, and other grass-roots community organizations.

State University



Photo by Igor Z. Vojnovic

... to “thriving”

As noted by John W. Gardner (2006), psychologist, founder of Common Cause, and former Secretary of Health, Education, and Welfare, “The surest cure for the sense of powerlessness that afflicts so many citizens today is to take action on the problems of their own communities, restoring belief in their capacity to make a difference.”

Comprehensive community-building initiatives (CBIs) and self-determination approaches to community change research are effective approaches to enable citizens, neighborhoods, and communities to restore their belief that change is possible. Such programs require commitment from funding agencies, universities, and other societal institutions to partner with citizens over significant time periods to enhance the quality of community life. ●

COMPREHENSIVE COMMUNITY-BUILDING INITIATIVES (CBIs)

Some principles and guidelines:*

- Community members and organizations working together can be catalysts for change.
- Communities are complex and dynamic. They must be analyzed and evaluated on multiple, systemic levels.
- Top-down approaches do not empower communities and do not lead to change in individual behavior.
- Evaluation must involve all segments of the community and its external partners, and be based on a continuous quality improvement model.
- Community action plans must specify desired outcomes so that progress can be assessed and programs can be modified to fit desired outcomes.
- Evaluation should be part of all community change processes from the beginning so that continuous feedback can be provided to individuals, planning teams, and networks as programs are developed, implemented, and corrected over time.
- Initiatives must invest in programmatic efforts to build self-determination through leadership development, resident organization and advocacy, and creation of a sense of agency, power, and community.
- Residents must be given incentives, such as neighborhood mini grants, to become part of change efforts.

* Adapted from: Foster-Fishman et al., in press; Foster-Fishman, Cantillon, Pierce, & Van Egeren, in press.

References

Foster-Fishman, P.G., Cantillon, D., Pierce, S.J., & Van Egeren, L. (In press). Building an active citizenry: The role of neighborhood problems, readiness, and capacity for change. *American Journal of Community Psychology*.

Foster-Fishman, P.G., Fitzgerald, K., Brandell, C., Nowell, B., Chavis, D., & Van Egeren, L. (In press). Mobilizing residents for action: The role of small wins and strategic supports. *American Journal of Community Psychology*.

Gardner, J.W. (1994, September). There is more than a ray of hope for America's future: Rebuilding America's sense of community. *Journal for Quality and Participation*, 17(5). Retrieved July 8, 2007 from www.worldtrans.org/qual/americancommunity.html

Sponsored by MSU's National Center for the Study of University Engagement (NCSUE), the Outreach and Engagement Measurement Instrument (OEMI) gathers data about the outreach activities of MSU faculty and academic staff. The information is self-reported and participation in the annual survey is voluntary. 2006 is the third year of data collection.

The OEMI collects data along several dimensions including percentage of effort devoted to engagement work, social issues, Boldness by Design imperatives, type of activity, project location, non-university participants, and external funding or other support received. It also requests narrative information about purposes, methods, disciplinary perspectives, and impacts on the external audience and on the scholar's work.

1,885

Over the 3 years of the survey, total (non-duplicative) number of respondents who engaged in outreach

OEMI results for 2006*
include the following:

\$21,286,897

Value of salary investment by MSU faculty and academic staff in addressing issues of public concern (data from those reporting outreach activities on the OEMI)

1,305

Number of specific projects/activities reported

835

Number of MSU faculty and academic staff who reported their outreach activities

684

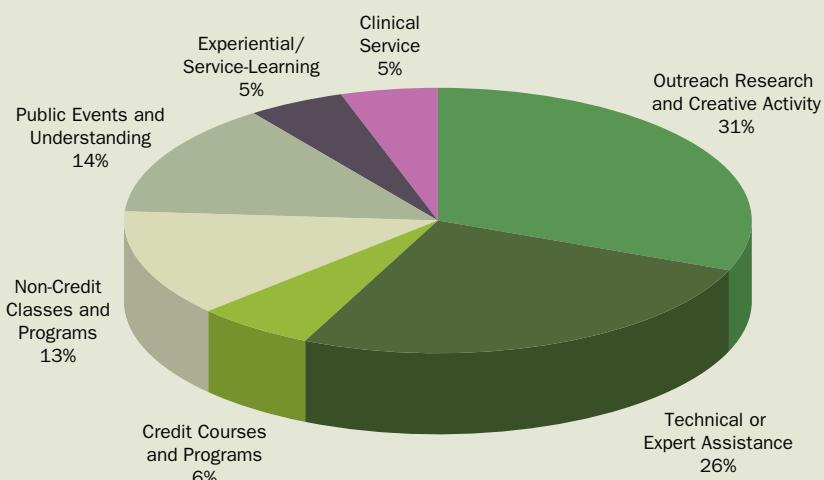
Number of respondents who described specific projects/activities

86% = Respondents who reported working with external partners

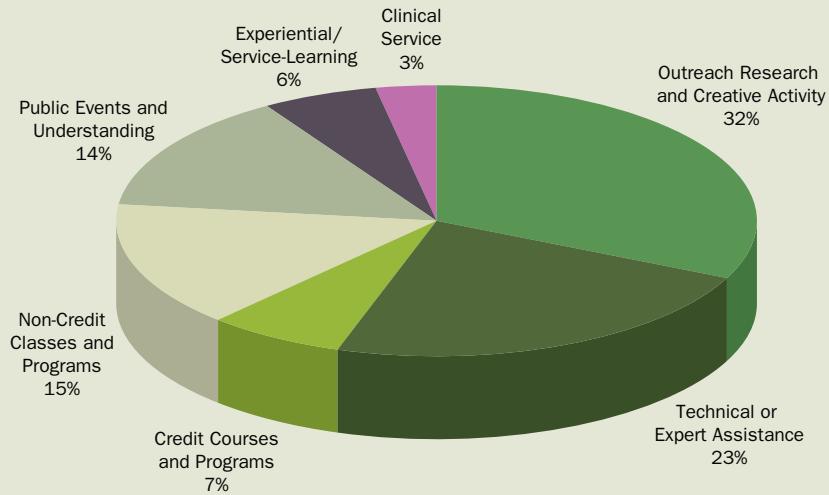
78% = Respondents who created intellectual property and scholarly outcomes

65% = Respondents whose outreach work impacted their scholarly or teaching practices

Primary Form of Engagement for MSU Faculty and Academic Staff in 2006



Primary Form of Engagement for Activities Directed Specifically at Locations Internationally in 2006



97%

Respondents whose outreach contributed to achieving Boldness by Design (BBD) imperatives

72% = Enhanced the student experience

80% = Enriched community, economic, and family life

45% = Expanded international reach

66% = Increased research opportunities

55% = Strengthened stewardship

*2006 data was collected between December 2006 and February 2007.

Michigan State University, 2006

Location of Work and Issues Addressed

70%

Number of respondents whose activities were directed at institutions and individuals within Michigan

Top five societal concerns addressed in Michigan:

- Education, pre-kindergarten through 12th grade
- Public understanding and adult learning
- Health and health care
- Children, youth, and families (non-school related)
- Science/technology and business/industrial development

24%

Number of respondents whose activities were directed at institutions and individuals internationally

Top five societal concerns addressed internationally:

- Public understanding and adult learning
- Education, pre-kindergarten through 12th grade
- Business and industrial development
- Science and technology
- Cultural institutions and programs

Service-Learning and Civic Engagement

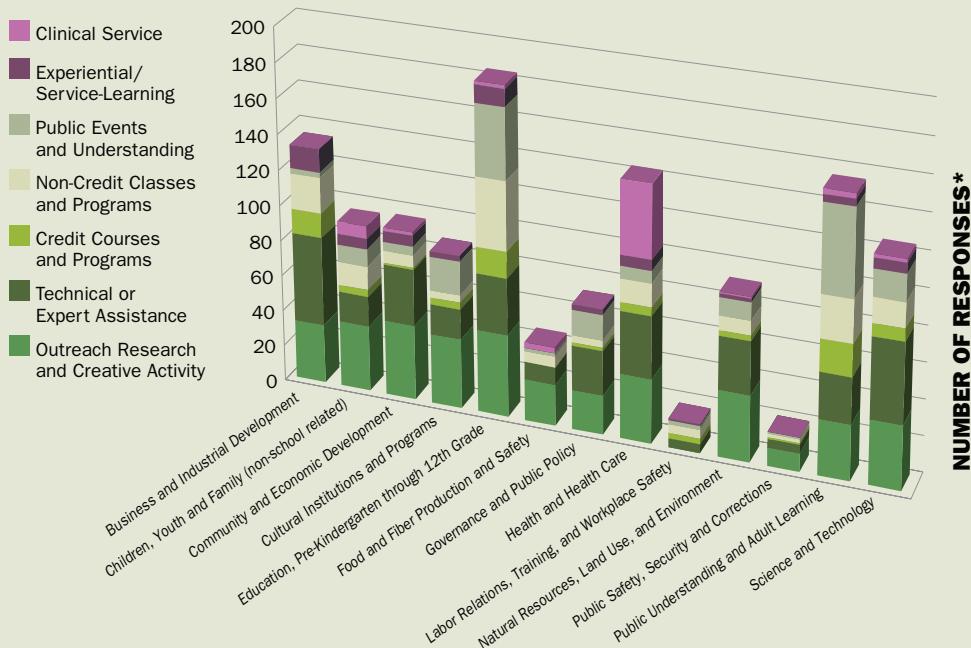
13,825

Student applications/registrations for service-learning and civic engagement opportunities were received Summer 2006 through Spring Semester 2007. This is an increase of 2,590 over 2005-2006. (Note: All applications received are accommodated.)

47%

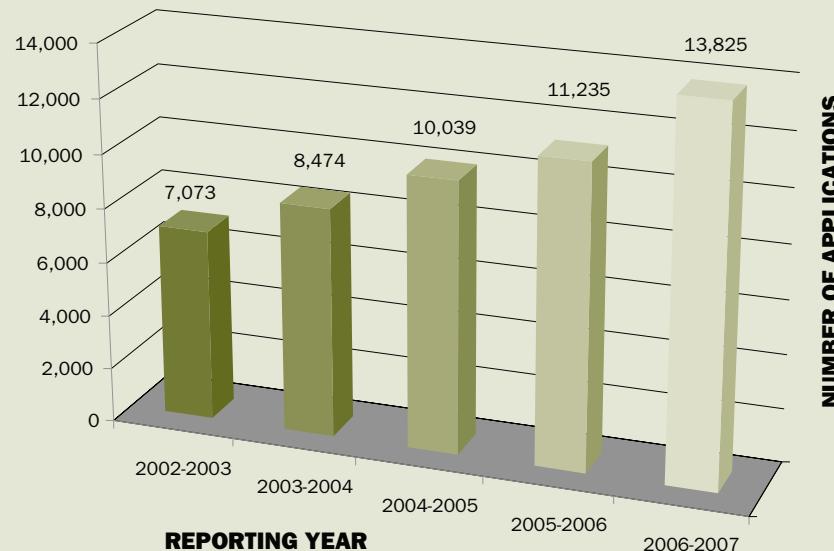
Applications that were for academic/course-related service-learning and civic engagement

Forms of Outreach Cross-Tabulated with Societal Concerns for 2006



*The number of "responses" is greater than the number of "respondents." Respondents were given the opportunity to describe their engagement activities for up to two areas of concern; each description was counted as a separate response.

Number of Student Applications for Service-Learning Received and Accommodated, 2002-2007



2007 Outreach Scholarship Community Partnership Award

Honors Work to Mentor New Teachers



R. N. Stanulis and E. S. Banks

Randi Nevins Stanulis

**Department of Teacher Education
MSU College of Education**

Lansing School District

**E. Sharon Banks
Superintendent of Schools
Lansing School District
2000-2007**

“Dr. Stanulis provides creativity, vision, and leadership as a significant catalyst in our efforts to increase student achievement.”

**Dr. E. Sharon Banks
Lansing School District
Superintendent
2000-2007**

Most college students studying to be teachers think the hard part is over when they graduate and land their first teaching assignment.

Then they discover the “sink-or-swim” mentality that affects all aspects of their initial years as an education professional. In many cases it results in significant losses of high-quality teachers for urban school districts. A researcher at MSU’s College of Education working to mentor and retain new teachers is the co-recipient of this year’s Outreach Scholarship Community Partnership Award.

Dr. Randi Nevins Stanulis of MSU’s Department of Teacher Education is the award co-recipient for her work partnering with the **Lansing School District** to produce ASSIST Beginning Teachers (Advocating Strong Standards-based Induction Support for Teachers; assist.educ.msu.edu), a comprehensive Web-based resource to create a cutting edge model that provides strong induction support for beginning teachers in Michigan, as well as support for veteran teachers and administrators.

“Nearly half of urban teachers leave the profession within the first three to five years of teaching. Teacher turnover impacts schools and ultimately student performance. Research indicates that where effective induction assistance is provided, there is a 92 percent retention rate for beginning teachers. Our work focuses on developing and implementing methods and tools that foster growth and development for beginning teachers,” said Stanulis.

The Lansing School District is the community partner named as co-recipient of the award with Stanulis.

“Dr. Stanulis continues to provide creativity, vision, and leadership as a significant catalyst in our efforts to increase student achievement by supporting and retaining the best and the brightest new generation of classroom teachers,” said Sharon Banks, former superintendent of Lansing schools. “The Lansing School District is honored to share this award.”

The Outreach Scholarship Community Partnership Award is conferred annually and provides University-wide recognition of highly engaged community-based research collaborations that positively impact both the community and the scholarship of MSU faculty work. ●

“When Randi Stanulis believes in you, you can’t help but rise to her expectations. Her encouraging spirit, generosity in sharing her wisdom, expertise and resources, and her resolve to improve the culture of American education have impacted countless others like me. She is my ideal as an educator, colleague, and friend.”

Dawn Van Zee
Teacher and ASSIST Mentor Teacher, Lansing School District

News & Notes from UOE

December 7, 2006

Hiram E. Fitzgerald Receives Dolley Madison Award

MSU’s Associate Provost for University Outreach and Engagement has been awarded one of the most prestigious honors in the multidisciplinary field of infancy and early childhood. Hiram E. Fitzgerald recently accepted the 2006 Dolley Madison Award for Outstanding Lifelong Contribution to the Development and Well-being of Very Young Children and Their Families. The award is given by Zero to Three National Center for Infants, Toddlers, and Families. It is named in honor of former first lady Dolley Madison, who established the first federally-funded child welfare program, a home for orphans of the War of 1812.

January 5, 2007

Carnegie Foundation names MSU a Community-Engaged University

The Carnegie Foundation for the Advancement of Teaching has selected Michigan State University as

one of the first universities to be designated as a “community-engaged university” using its new Community Engagement Classification criteria. The selection includes recognition in curricular engagement as well as outreach and partnerships—the highest achievement possible within the classification framework. Unlike the Foundation’s other classifications, which rely on national data, this designation is elective; institutions choose to participate by submitting documentation that describes the nature and extent of their engagement.

March 23, 2007

University Outreach and Engagement Receives American Red Cross Award

Every year the American Red Cross (International Social Services Committee of the Mid-Michigan Chapter) and St. Vincent Catholic Charities Refugee Services grants awards “to members of our community who have stood out in their welcome to those changing faces of Lansing.” UOE received one of two awards given this year for “forming the Immigrant and Refugee Resource Collaborative (IRRC),

the very collaboration that we celebrate today [at the award ceremony].” The award also cited the “invaluable” assistance of UOE’s Robert Brown, whose “excellent facilitating skills, experience and knowledge ... has saved hours of time and increased the productivity of the Immigrant and Refugee Resource Collaborative dramatically.”

April 14, 2007

MSU Outreach and Engagement Receives Excellence Award for Innovations

Michigan State University’s Outreach and Engagement Measurement Instrument (OEMI) has received this year’s Recognition of Excellence Award for Innovations in Outreach and Engagement from the University Continuing Education Association (UCEA). The OEMI is an MSU-wide data collection system developed by University Outreach and Engagement researchers. Faculty and academic staff report their outreach and engagement activities yearly via an online survey. With its third year of institutional reporting recently completed, MSU now has one of the most sophisticated databases of scholarly outreach and engagement information within higher education.



About University Outreach and Engagement

University Outreach and Engagement (UOE) is a campus-wide central resource dedicated to helping academic units construct more extensive and effective engagement with communities. It is the charge of the Office to ensure that MSU's outreach efforts are internally coordinated, externally linked, responsive to important societal issues, and consistent with its mission and policies.

Hiram E. Fitzgerald
Associate Provost
Michigan State University
Kellogg Center, Garden Level
East Lansing, MI 48824

Phone: (517) 353-8977
Fax: (517) 432-9541
Web: outreach.msu.edu
E-mail: outreach@msu.edu

The Associate Provost is supported by the advice of two important councils:

- **Outreach and Engagement Senior Fellows**, a group of faculty who have distinguished themselves through careers as engaged scholars
- **Outreach and Engagement Community Fellows**, comprising leaders from government, business, foundations, and nonprofit organizations

For lists of these individuals, see outreach.msu.edu/people.asp

Contact University Outreach and Engagement to learn how you can become more active in the MSU engagement enterprise.

UOE DEPARTMENTS

National Center for the Study of University Engagement • ncsue.msu.edu

Diane L. Zimmerman, Director

NCSUE is a national innovator, conducting studies about faculty work and rewards as well as conversations on benchmarking, engaged scholarship, and scholarship of engagement.

University-Community Partnerships • outreach.msu.edu/ucp

Patricia A. Farrell, Senior Director

UCP facilitates research collaborations between MSU faculty and community-based partners to address a wide variety of societal issues.

• **Community Evaluation and Research Center • outreach.msu.edu/cerc**

Laurie Van Egeren, Director

CERC provides a hub for university-based evaluators and conducts participatory program evaluation in the areas of education, youth development, early childhood, health, and community development.

• **Center for Community and Economic Development • ced.msu.edu**

Rex LaMore, Director

Located in downtown Lansing, CCED works to improve the quality of life for people in distressed Michigan communities through responsive engagement, strategic partnerships, and collaborative learning.

Center for Service-Learning and Civic Engagement • servicelearning.msu.edu

Karen McKnight Casey, Director

CSLCE provides curricular and co-curricular service-learning and engagement opportunities for MSU students and helps faculty integrate service-learning into their courses.

Communication and Information Technologies • outreach.msu.edu/cit

Burton A. Bargerstock, Director

CIT provides public access to information about university-wide outreach initiatives through portal Web sites, as well as consulting and product development services for Web sites, databases, publications, graphic design, event management, and information technology.

MSU Usability & Accessibility Center • usability.msu.edu

Sarah J. Swierenga, Director

UAC conducts research and evaluates new interface technologies to ensure that they are useful, usable, accessible, and appealing to a broad audience.

Wharton Center for Performing Arts • whartoncenter.com/education

Michael Brand, Director

Wharton Center educational programs connect students to the performing arts by offering a wide range of programs suited to a variety of learner needs.

Michigan State University Museum • museum.msu.edu

C. Kurt DeWhurst, Director

The Museum reaches a broad public audience through collections, field- and collections-based research, public service and education programs, traveling exhibits, and innovative partnerships.

Estate and Wealth Strategies Institute • ewsi.msu.edu

Robert A. Esperi and Remo L. Peterson, Co-Directors

EWSI is a nonprofit organization dedicated to developing strategies for wealth, estate, business, and charitable planning.

Visit outreach.msu.edu

This is 4.5" x 2.5"

No varnish here.

Visit outreach.msu.edu for more
information on these upcoming events...

- **MSU Celebration of World Usability Day**
Thursday, November 8
- **Engaged Scholar Speaker Series**
- **Year of Arts and Culture**



Outreach and Engagement

