



Center for Urban Population Health

Working together to improve the health of communities

2006 Annual Report



Center for Urban Population Health

Dear Colleagues and Partners,

On behalf of the Center for Urban Population Health, it is my pleasure to present to you our 2006 Annual Report. Throughout the year, our faculty, staff and community affiliates advanced several of the goals and objectives related to our core mission: *To conduct and facilitate original population health research and education initiatives that improve the health of urban communities through collaboration with academic and community organizations.*



In this year's report, we highlight several areas, including:

- Broadening and expanding of the Center's strategic planning process, particularly related to our role in promoting interdisciplinary population health research in urban communities;
- Advancing the Center's role as a hub for translational health services research in Milwaukee through local, statewide and national partnerships; and
- Expanding the Center's capacity for developing and conducting community participatory research and initiatives.

As we look forward, our population health perspective will continue to challenge our attempts to address a broad spectrum of urban populations and health issues, including:

- Maternal and infant health;
- Youth behavioral health risks (substance use, risky sex, violence);
- Community residents affected by environmental exposure or infectious disease; and
- Aging and chronic health conditions.

Interwoven into all of our projects and initiatives is our commitment to examine the basis of health disparities; understand the social and cultural determinants of health; assess and evaluate health outcomes; and apply innovative information technologies in data collection, storage, retrieval and analysis.

In 2007, we plan to expand our team of researchers and community affiliates and we promise to work together to improve the health of communities in Milwaukee, Wisconsin, and beyond.

Sincerely and fondly,

A handwritten signature in black ink that reads "Ron A. Cisler".

Ron Cisler, Ph.D.

Director, Center for Urban Population Health

Associate Professor of Health Sciences, UW-Milwaukee

Associate Professor of Population Health Sciences, UW School of Medicine and Public Health



University of Wisconsin
SCHOOL OF MEDICINE
AND PUBLIC HEALTH



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Center for Urban Population Health Staff and Affiliates

The Center for Urban Population Health is governed by an *Executive Committee*, which provides oversight and guidance on the Center's mission and goals. The Executive Committee is made up of representatives from each of the Center's collaborating institutions as well as community members. The Center employs, through our collaborating institutions, *Core Faculty and Staff* to conduct and oversee the Center's activities. In addition, the Center collaborates with *Center Scientists and Associates* representing local, state and national organizations and academic institutions. The Center also provides *Student Service Learning Opportunities* in the area of population health research.

Executive Committee

Bevan Baker, C.H.E., *Milwaukee Health Department*

Dennis Baumgardner, M.D., *Aurora UW
Medical Group*

Deborah Blanks, *Social Development Commission*

Ron Cisler, Ph.D., *University of Wisconsin-Milwaukee/UW
School of Medicine and Public Health*

Maureen Durkin, Ph.D., *UW School of Medicine
and Public Health*

Patrick Falvey, Ph.D., *Aurora Health Care*

Randy Lambrecht, Ph.D., (Chair) *UW-Milwaukee*

Sally Lundeen, Ph.D., R.N., *UW-Milwaukee*

Jeffrey Stearns, M.D., *Aurora UW Medical Group*

Nick Turkal, M.D., *Aurora Health Care*





(l-r) Jessica Bergstrom, Marilyn Anderson, Stephanie Mather, Dale Steber, Anne Marie Talsky, Lee Banfi, Lea Soderstrom, Sharon Abston-Coleman, Andrew Marek, Ron Cisler

Core Faculty and Staff

Sharon Abston-Coleman, M.H.A., M.T., *Outreach Program Manager II*

Lee Banfi, M.B.A., C.P.A, F.H.F.M.A., *Manager, External Research & Business Services*

Dennis Baumgardner, M.D., *Director, Campus Research, Training & Development, Professor*

Barbra Beck, Ph.D., *Public Health Education and Training Coordinator*

Jessica Bergstrom, M.P.H., *Assistant Researcher*

Karen Blanchard, *Senior Administrative Assistant*

Ron Cisler, Ph.D., *Director, Associate Professor*

Jamie Ennis, *Information Technology Intern*

Jennifer Evertsen, M.S., *Associate Research Specialist*

Loren Galvão, M.D., M.P.H., *Director, Community Partnerships, Associate Scientist*

Andrew Marek, B.B.A., *Web Applications Developer*

Stephanie Mather, B.A., *Program Assistant, Business Services*

Susan Partington, Ph.D., R.D., *Director, Community Surveillance & Epidemiology, Associate Scientist*

Andrea Schreiber, M.A., *Associate Research Specialist*

Shannon Simpson, B.S., *Research Assistant*

Lea Soderstrom, B.A., *Associate Research Specialist*

Dale Steber, M.S., *Supervisor, Information Technology Core*

Geoffrey Swain, M.D., M.P.H., *Associate Professor*

Trina Salm Ward, M.S.W., C.C.R.C., *Research Program Manager II*

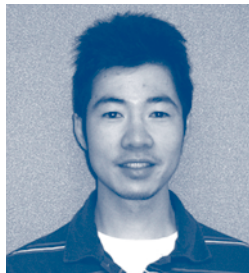
Marilyn Anderson, *Administrative Assistant*

Anne Marie Talsky, B.A., *Senior Administrative Assistant*

Center Scientists and Affiliates with Active Projects in 2006

- Betty Amuzu, M.D., *Aurora UW Medical Group*
- Laura Anderko, Ph.D., R.N., *UW-Milwaukee College of Nursing*
- Howard Bailey, M.D., *UW Comprehensive Cancer Center*
- Dennis Baumgardner, M.D., *Aurora UW Medical Group*
- Deborah Blanks, *Social Development Commission*
- John Brill, M.D., M.P.H., *Aurora UW Medical Group*
- Maebe Brown, *National Cancer Institute's Cancer Information Services, Milwaukee Regional Cancer Care Network*
- Monica Cail, *Prevent Blindness Wisconsin*
- Bruce Campbell, M.D., *Medical College of Wisconsin, Milwaukee Regional Cancer Care Network*
- Ron Cisler, Ph.D., *UW-Milwaukee/UW School of Medicine and Public Health*
- Ann Conway, R.N., M.S., M.P.A., *Wisconsin Association of Perinatal Care*
- Reyhan Demircioglu, M.D., *Aurora UW Medical Group*
- Ella Dunbar, *Social Development Commission*
- Jennifer Fink, M.S., C.C.R.C., *Aurora Health Care*
- Michael Fiore, M.D., M.P.H., *UW Center for Tobacco Research and Intervention*
- Loren Galvão, M.D., M.P.H., *UW-Milwaukee College of Nursing*
- Robert Goldstein, *Prevent Blindness Wisconsin*
- Paul Hartlaub, M.D., M.S.P.H., *Aurora Health Care/Aurora UW Medical Group*
- Mark Huber, *Aurora Health Care*
- Ariba Kahn, M.D., *Aurora UW Medical Group*
- Paul Koch, M.D., M.S., *Aurora UW Medical Group*
- Rhonda Kowalchuk, Ph.D., *Southern Illinois University*
- Randall Lambrecht, Ph.D., *UW-Milwaukee College of Health Sciences*
- Allison Lux, M.D., *Aurora UW Medical Group*
- Tina Mason, M.D., M.P.H., *Aurora UW Medical Group*
- Mary Kay Madsen, Ph.D., R.N., F.A.A.M.R., *UW-Milwaukee College of Health Sciences*
- Michael Malone, M.D., *Aurora UW Medical Group*
- Sandra Milon Underwood, Ph.D., R.N., F.A.A.N., *UW-Milwaukee College of Nursing, Milwaukee Regional Cancer Care Network*
- Kathleen Murphy, R.N., M.S.N., A.P.R.N.-B.C., *Milwaukee Public Schools*
- F. Javier Nieto, M.D., Ph.D., *UW School of Medicine and Public Health*
- Mallory O' Brien, Ph.D., *Harvard University, Milwaukee Police Department*
- Timothy Patrick, Ph.D., *UW-Milwaukee College of Health Sciences*
- Susan Partington, Ph.D., R.D., *UW School of Medicine and Public Health*
- Sarah Ray, R.Ph., *Aurora Health Care*
- Kristen Reynolds, M.D., *Aurora UW Medical Group*
- Stephen Saunders, Ph.D., *Marquette University*
- Scott Strath, Ph.D., *UW-Milwaukee College of Health Sciences*
- Geoffrey Swain, M.D., M.P.H., *UW School of Medicine and Public Health*
- Lora Taylor de Oliveira, M.B.A., M.P.H., R.D., *UW-Milwaukee Partnerships for Healthy Milwaukee*
- Matt Tector, Ph.D., *Aurora Health Care*
- Jackie Tillet, C.N.M., N.D. *Aurora UW Medical Group*
- Marianne Weiss, D.N.Sc., R.N., *Marquette University*
- Min Wu, Ph.D., *UW-Milwaukee College of Health Sciences*
- Allen Zweben, D.S.W., *Columbia University*

Student and Service Learning Opportunities



Justin Lo

Advanced Topics in Oracle Discoverer, Information Technology Internship.

Justin Lo, a prospective MPH student, worked with Dale Steber, Supervisor, Information Technology, on a project applying Oracle Discoverer tools in

the implementation of population health data collection and research. *J. Lo, D. Steber, A. Marek.* March 2006 – July 2006.

Clinical Clerkship in Rural and Community Health.

Seven fourth-year UW medical students had an immersion experience in the special rewards and challenges of providing high quality healthcare to underserved populations in Milwaukee. Anne Marie Talsky organized a month of didactic and service-learning experiences for the students. Using a problem-based learning approach, they studied community health issues in Milwaukee. *J. Brill, J. Stearns, A.M. Talsky.* On-going.

Clinical Research Mentorship. Jennifer Evertsen, Associate Research Specialist, and Shannon Simpson, Research Assistant, received training in the conduct of clinical research through the Aurora Department of Clinical Research. *J. Evertsen, S. Simpson, J. Fink, C. Rausch, T. Salm Ward, D. Baumgardner.* October 2006 – present.

Geographic Clustering of Attention Deficit Hyperactivity Disorder (ADHD) in Children.

Jonathan Wiemer, a UWM pre-med student, is working with Dennis Baumgardner to apply a Geographic Information Systems (GIS) analysis of ADHD diagnoses in the Milwaukee area. *J. Wiemer, D. Baumgardner, A. Schreiber.* November 2006 – present.



Dennis Baumgardner and Jonathan Wiemer work on mapping ADHD cases.



(l-r) Trina Salm Ward, Jennifer Evertsen, Jennifer Fink, and Shannon Simpson discussing the clinical research mentorship.



The Marion College team included (l-r) Trina Salm Ward, Jennifer Fink, Aaron Rapp, Aimee Obregon and Ron Cisler.



Representatives from the Milwaukee Health Department, Aurora Health Care, and the Center attend a presentation by Marion College graduate students on data sharing.

Health Careers Club. Sharon Abston-Coleman coordinated an after-school health careers club at Rufus King High School that was highly successful. In addition, Abston-Coleman assisted in the coordination of Rufus King’s Summer Prep-Academy to prepare students for college. S. Abston-Coleman. 2003 – 2006.



Priya Subash and Dale Steber

HL7 Research and Industry Review, Information Technology Internship. Priya Subash, a UWM Health-Care Informatics student, worked with Dale Steber to apply HL7 (an ANSI

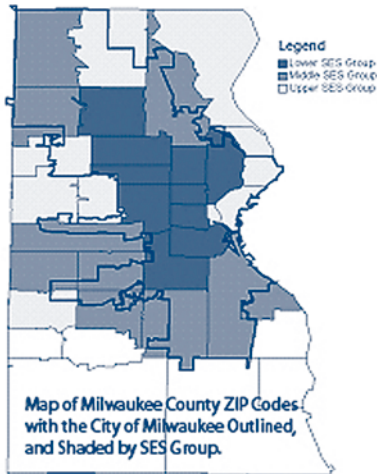
standard for healthcare-specific data exchange between computer applications) to data sharing and

communication between community health institutions for the purpose of population health research. A. Subash, D. Steber. February 2006 – present.

Organizational and Agency Data Sharing – An Analysis Project with the Center for Urban Population Health. Graduate students from Marian College worked with Center staff to explore barriers to data sharing between community organizations and the Center for the purposes of population health research. J. Fink (Marian College), A. Raap (Marian College), A. Obregon (Marian College), R. Cisler, T. Salm Ward, S. Partington, H. Lindborg (Marian College). February 2006 – August 2006.

Health Outcomes and Health Determinants: Differences Among Disparate Socioeconomic Levels in Milwaukee, Summer MPH Project.

Peter Vila, a UWSMPH student pursuing his MS in Population Health (Epidemiology Option), worked with several Center faculty and staff on assessing disparities in health outcomes and health determinants across socioeconomic levels within the City of Milwaukee. Data collection is



complete and the team is now preparing a manuscript for publication. Vila's project was funded by a UWSMPH MPH fellowship. *P. Vila, G. Swain, D. Baumgardner, S. Halsmer, P. Remington, R. Cisler.* August 2006 – present.



Sarah Scott students work on a health science module taught by medical residents.



(l-r) Andrea Schreiber, Becita Fields, Lea Soderstrom.

McNair Scholar. Becita Fields, a UWM student and participant in the UWM McNair Scholar Program, worked with Center staff to gain experience in population health research by assisting with the Aurora Healthy Lifestyles Study. *B. Fields, R. Cisler, S. Partington, L. Soderstrom, A. Schreiber.* May 2006 to July 2006.

Health Professions Partnership Initiative. Sharon Abston-Coleman led this initiative to move Milwaukee area middle and high school students into professional schools, with emphasis on the UW-System. *S. Abston-Coleman.* 2003 – 2006.

Summer Enrichment Program II Job-Shadow Program. Sharon Abston-Coleman collaborated with staff from UWM and Aurora Health Care to plan a four-week, job-shadow program designed to assist undergraduates from underrepresented or disadvantaged backgrounds in pursuit of professional careers in healthcare. *S. Abston-Coleman.* 2004 – 2006.

Teaching at Sarah Scott Middle School for the Health Sciences. Sharon Abston-Coleman established a connection between middle school teachers and medical residents to allow the residents to teach health science modules to the students. *S. Abston-Coleman, Residency Staff.* 2003 – 2006.

New Staff



Jamie Ennis, Information Technology Intern. Ennis works with Information Technology Core members and research staff on Information Technology projects such as designing, coding, and testing software applications. She is a student at the UW-Milwaukee working towards her B.B.A. in Management of Information Systems, expected in May 2007.



Barbra Beck, Ph.D., Public Health Education and Training Coordinator (Associate Faculty Associate). Beck oversees and supports the work of UW Population Health Fellows, UW Master of Public Health students, and other fellows and graduate students working at the City of Milwaukee Health Department, the Center, and community organizations. Beck has a B.S. in Social Work from the College of St. Benedict, a M.S. in Sociology from Colorado State University, and a Ph.D. in Urban Studies from UW-Milwaukee. Prior to joining the Center, she was an Assistant Professor in the Department of Family and Community Medicine at the Medical College of Wisconsin.



Jennifer Evertsen, M.S., Associate Research Specialist. Evertsen provides statistical analysis, data management and general research assistance and coordination for Center and Aurora UW Medical Group investigators. Evertsen also coordinates Wisconsin Network for Health Research (WiNHR) projects. Evertsen has a B.S. in Behavioral Science/Psychology from Concordia University and a M.S. in Epidemiology from the Medical College of Wisconsin.



Shannon Simpson, B.S., Research Assistant. Simpson's work includes preparation of IRB paperwork, finalizing study protocols, conducting informed consents, and supporting Aurora UW Medical Group research projects. Simpson has a degree in Biology from Tuskegee University and is completing her M.S. in Clinical Laboratory Science with Dr. Ron Cisler as her faculty advisor. Simpson is currently conducting her thesis project, a women's health study, in collaboration with the City of Milwaukee Health Department's Sexually Transmitted Disease Clinic.

Other Staff News

Aurora Health Care recognized two Center employees: **Marilyn Anderson** for 5 years of dedicated service, and **Karen Blanchard** for 15 years of dedicated service.

Geoffrey Swain was inducted into the Alpha Omicron chapter of Delta Omega, the national honorary public health society. Election is based on outstanding performance—teaching and research in faculty members, and community service in alumni.

Sharon Abston-Coleman left the Center to become the Associate Dean of the Health Occupations Division for Milwaukee Area Technical College.

Stephanie Mather moved to the Advanced Pain Management Group where she is a software application trainer.

Capacity Building and Infrastructure Development

2005-2010 Strategic Plan

In 2005, the Center began a five-year strategic planning process, identifying and updating short- and long-term goals. At about the same time, the University of Wisconsin School of Medicine and Public Health (UWSMPH), University of Wisconsin-Milwaukee (UWM) and the City of Milwaukee began discussions about enhancing public health initiatives in the Milwaukee area. As a result, we revisited our strategic plan to ensure that our activities will complement these public health efforts. In the coming years, our faculty and staff will draw on our key community and academic partners, and, in coordination with them, play an expanded role in the public health initiatives being implemented in the Milwaukee area.

During our strategic planning process, one thing that did not change was our mission: *to conduct and facilitate original population health research and education initiatives that improve the health of urban communities through collaboration with academic and community organizations.* Our vision is that the Center will have a nationally recognized, multidisciplinary program of urban population health research and education that is community-connected, transformational, vibrant, and sustainable and that furthers the goals of Healthy People 2010 and Healthiest Wisconsin 2010.



Project details sketched out on the Center's famous dry erase wall.



Greg Schneider, Schneider Consulting, assisted Center personnel with strategic planning and leadership development.

Our strategic planning will continue to be a *process* – the Center will review and update goals and objectives to reflect population health and community needs. Currently, we have identified the following areas of *particular importance* to the community:

- Maternal and infant health;
- Youth behavioral health risks (substance use, risky sex, violence);
- Community residents affected by environmental exposure or infectious disease;
- Aging and chronic health conditions.

Our *primary goals* are to:

- Explore health disparities among diverse populations;
- Examine the health determinants, processes and outcomes of urban populations;
- Promote the health of urban communities;
- Build the capacity of urban communities to resolve their own health issues;
- Disseminate useful empirical data to inform health policy decisions for urban populations.

Infrastructure Development

In addition to the institutional support provided to the Center since its inception, our partner institutions, the University of Wisconsin School of Medicine and Public Health (UWSMPH), the University of Wisconsin-Milwaukee (UWM), and Aurora Health Care, have committed additional resources and support to increase the Center's capacity to conduct population health research.

As part of its support, the *University of Wisconsin School of Medicine and Public Health* has granted joint appointments for Center faculty, scientists, and staff. In 2006, the Center received funding from the UWSMPH Wisconsin Partnership Fund Medical Education and Research Committee to support the Center's *Public Health Development Plan*. This funding will allow us to strengthen our research infrastructure in order to bolster public health research in the Milwaukee area, in part through recruiting a Center biostatistician and UWM faculty positions that will support research efforts at the Center.

Another major aspect of the *Public Health Development Plan* is the Center Scientist Development Program. This program provides seed funding for researchers to develop a line of research in population health that can lead to federal funding. The program also supports and explores joint appointments with the UWSMPH Population Health Institute to allow UWM faculty members to serve as academic partners on Wisconsin Partnership Fund projects. By providing a supportive research environment, we expect to "grow" interdisciplinary population health research in the "laboratory" of a large, high-need, urban community.

The *University of Wisconsin-Milwaukee*, particularly the Colleges of Health Sciences and Nursing, have granted joint appointments for Center faculty, scientists and staff. In 2006, discussions began around supporting a “cluster hire” of future UWM faculty who will in part support population health research at the Center.



Maebe Brown, National Cancer Institute, in her new Milwaukee satellite office at the Center.”

In 2006, *Aurora Health Care* committed additional space and equipment to accommodate the doubling of the number of faculty and staff at the Center. This also allows us to house researchers, interns, students and affiliates. Aurora is recruiting a shared Health Services Researcher as well, who will conduct collaborative research with the Center.

In addition, the *Aurora UW Medical Group (AUWVG)* has committed to allocate faculty time for research and scholarly activities. These funds are being distributed through the AUWVG Research Committee, which is chaired by the Center’s Director of Training and Development, Dr. Dennis Baumgardner.

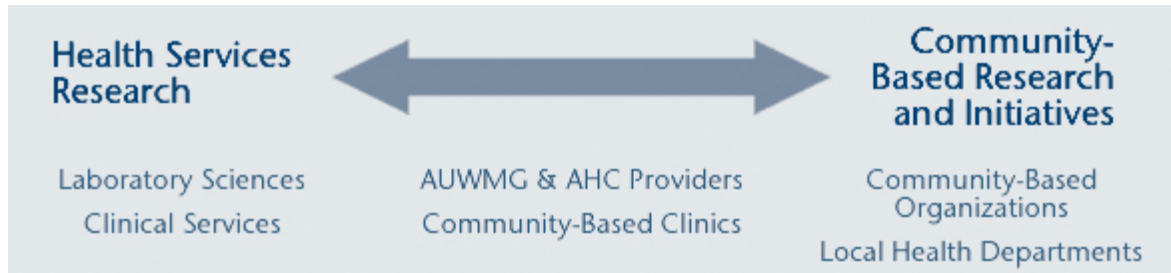


Lee Banfi (l) and Jessica Bergstrom (r) enjoy their new offices.



Translational Research

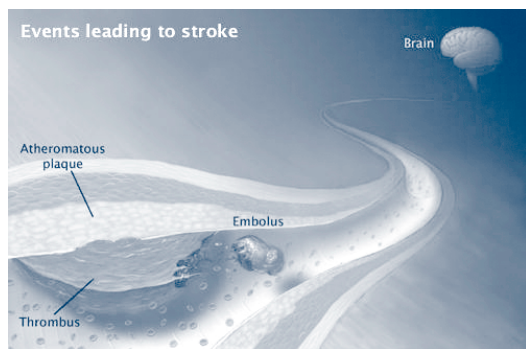
As we work towards accomplishing our goals, we will also focus on conducting research that is *translational* – that is, research that can be translated from the “bench” to the “bedside” to directly benefit the community. As a collaboration of the University of Wisconsin School of Medicine and Public Health (UWSMPH), University of Wisconsin-Milwaukee (UWM), and Aurora Health Care (AHC), the Center provides an environment to conduct translational research by supporting both academic health researchers/providers applying bench research to clinical practices. In addition, the Center’s involvement in many community-based participatory research activities provides a unique opportunity to translate what we learn directly from the community about their health needs to investigators conducting “bench” research. The Center’s work lies on a continuum of Health Services Research to Community-Based Research and Initiatives, as illustrated in the figure below:



Health Services Research Projects and Initiatives

The Center and Aurora Health Care are actively involved in the **Wisconsin Network for Health Research (WiNHR)**, a system of health researchers committed to working together to improve the health of Wisconsin. The Network is funded through the Wisconsin Partnership Fund's Medical Education and Research Committee. WiNHR collaborators include health researchers from the Marshfield Clinical Research Foundation, Gundersen Lutheran, and UW Madison Hospitals and Clinics. WiNHR has been developing the infrastructure to conduct multi-site clinical research in Wisconsin. The need for WiNHR is evidenced by the huge response we have received from academic researchers who want to utilize our infrastructure to conduct clinical research. Examples of WiNHR research in which the Center participates include the following.

- *Warfarin Dosing in African Americans and Hmong*. Led by researchers at the Marshfield Clinic, sites are investigating the feasibility of recruiting subjects with African American and Hmong ethnicity for a genotype-guided warfarin dosing calculator that has the potential to reduce the risks around determining stable warfarin dosing in individuals. Marshfield's calculator currently only has data for Caucasians.



- *Warfarin Dosing Calculator Pilot Study*. In an additional study led by Dr. Matt Tector (Aurora Health Care), WiNHR is helping researchers develop protocols for identifying patients, informing physicians, and conducting genetic testing in clinical settings. Successful completion of this study would position

WiNHR as a strong candidate for future National Institutes of Health National Heart Lung and Blood Institute sponsored research studies testing Warfarin dosing calculators.

- *Common Variables in Health Databases*. WiNHR members are determining methods for using common variables in their rich data sets to explore further research opportunities.
- *Collaborative Institutional Review Board (IRB)*. WiNHR is working towards a mechanism to allow multi-site projects to be reviewed and monitored by just one IRB of record. All WiNHR institutions (and others) have expressed support and interest in working towards this mechanism in an effort to decrease protocol review and approval time and allow faster study implementation. This model could be replicable with other collaborative projects both in and out of state.
- *Implications of Mycoplasma Infection in Pregnancy*. Led by researchers at Gundersen Lutheran, WiNHR plans to investigate the connection between mycoplasma infection and preterm labor.

Aurora's *Accelerating Change and Transformation in Organizations and Networks (ACTION)* program will "turn research into practice." Its overall purpose is to use research to identify best practices, and then implement those practices widely in the clinical environment. Aurora Health Care has received a subcontract from the Agency for Healthcare Research and Quality (AHRQ) to respond to ACTION Task Orders. The Center is one of a cadre of highly trained and experienced collaborators that Aurora has assembled. The Aurora ACTION team includes representatives from Aurora, the Aurora UW Medical Group (AUWMG), the Center, UWM College of Nursing, UW Population Health Institute, UW Industrial and Systems Engineering, UW School of Nursing, the Urban Institute, and Danya International, Inc. These partners are ready to respond quickly to the AHRQ's future task orders in the area of translating research.

The *Center Scientist Development Program* funded two UWM faculty in 2006, and plans to release a general "call for proposals" in early 2007 to UWM faculty from various fields (e.g., geography, nursing, social work, life sciences).

Utilizing Tailored Step-Count Feedback to Enhance Physical Activity in the Elderly.

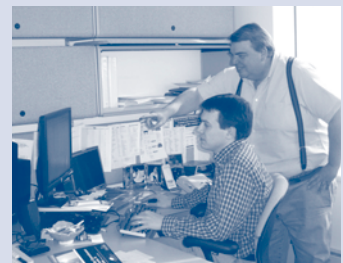
Dr. Scott Strath, Assistant Professor in the UWM College of Health Sciences, is developing, implementing, and testing the efficacy of an objective step-count feedback program coupled with motivational messaging to promote walking behavior in the elderly. This individually tailored lifestyle intervention will use self-monitoring based on a downloadable pedometer to promote walking in individuals at risk for developing disease. Since receiving this award, Dr. Strath has hired and trained Daniel Romanovich, a graduate research assistant, in the study protocol. They have begun development



of the intervention materials, and are working on web programming and implementation. They are currently piloting the web platform in a sample of 10 individuals. In a separate project, Dr. Strath is working with Dale Steber, supervisor of the Center's Information Technology Core, to develop a database to track participant information. Dr. Strath is also the recipient of a mentored National Institutes of Health K01 career development award with Dr. Ron Cisler, Director of the Center, as his mentor.

Academic Partnership with Aurora Health Care's Care Management Database Team.

Dr. Timothy Patrick, Assistant Professor in the UWM College of Health Sciences, is collaborating in an academic partnership with Aurora Health Care's Information Technology/Care Management Database Team to increase the research value of clinical databases at Aurora Health Care. The first step in this collaboration is to document the current state of clinical and research databases at Aurora Health Care. In particular, the project will document which already existing database fields (e.g., ethnicity or religion) are currently not being used or are not used consistently across the Aurora enterprise (e.g., if used are not currently controlled for standardized content). A further step will be to evaluate the ideal usefulness and relevance of those database fields with regard to types of research that complement the mission and strategic aims of Aurora Health Care (e.g., biomedical research, nursing research, or population health research). Next, the project will document and rank any available standard code sets that could be used to populate those database fields. Finally, the project will recommend which of the database fields investigated should be used to support research, as well as recommend standard code sets to populate those fields. Dr. Patrick will begin work in early Spring 2007, in collaboration with Dale Steber,



Dale Steber, the Center's IT supervisor, collaborates with Timothy Patrick, UWM Assistant Professor.

Supervisor of the Center's Information Technology Core.

The **Aurora University of Wisconsin Medical Group (AUWMG) Research Committee** supports AUWMG care providers in conducting applied research. The Center serves as the primary source of facilitation for faculty and resident/student/fellow projects, offering research support and space. Dennis Baumgardner, MD, coordinates these activities within the Research Training and Development Core of the Center and collaborates on many of them. This support allows AUWMG care providers to take basic research and apply it to their clinical settings. Current AUWMG research activities include projects in the following categories: healthcare quality improvement, geriatrics, women's health and pregnancy, healthy lifestyles, health disparities, substance abuse, epidemiology and specific diseases. Current projects are listed below.



- *“A Hospital Prepared for Seniors”*: Going from Good to Great. A. Khan (AUWMG), et al.
- *A Qualitative Review of Partners of Prostate Cancer Patients: Beliefs, Experiences, and Partners’ Outcomes*. A. Wolkenstein (AUWMG), J. Evertsen.
- *Adequacy of Postpartum Care and Postpartum Depression Screening During Routine Postpartum Visits and Well-child Checks: Differences by Provider Gender and Level of Training*. P. Koch (AUWMG).
- *Addressing Healthcare Disparities in an Urban, Academic Clinic*. E. Bade (AUWMG).
- *Assessing the Incidence of Chlamydia in Asymptomatic Men Presenting to an Urban Family Practice Clinic: Is Screening Cost Effective?* Funded by the Wisconsin Academy of Family Physicians. A. Lux (AUWMG), et al., J. Evertsen.
- *Asymptomatic infection or carriage of B. dermatitidis by dogs in Northern Wisconsin*. N. Varani (UW School of Veterinary Medicine Student), C. Czuprynski, D. Baumgardner.

- *Biochemical Progression-Free Survival in Early-Stage Prostate Cancer Treated with Permanent Brachytherapy*. S. Offerman (Resident), J. Evertsen, et al.
- *Epidemiology and Ecology of Blastomyces dermatitidis*. D. Baumgardner.
- *Filshce Clip vs. Pomeroy Method for Obstetric Sterilization*. D. Siddiqui (AUWMG), S. Partington, A. Al-Niimi (Resident).



- *Geographic Clustering of ADHD in Children*. D. Baumgardner, J. Weimer, A. Schreiber.
- *Hypoglycemia with Intensive Glucose Management in Older Adults on Intensive Glucose Management*. A. Khan (AUWMG).
- *Identification of Minimal Liquid Media for Growth of B. dermatitidis in Yeast Form at 37 Degrees C*. D. Baumgardner, E. Benavides (Resident).



- *Improving Breastfeeding Rates at Aurora Sinai Family Care Center.* L. Williams (Resident), D. Baumgardner, ASFCC Faculty.
- *Improving Evaluation of Fetal Demise.* B. Amuzu (AUWMG), P. Pilla (Resident).
- *Increasing Breastfeeding Rates in Milwaukee County.* Funded by the Wisconsin Partnership Fund for a Healthy Future. Milwaukee County Breastfeeding Coalition, K. Reynolds (AUWMG) et al.
- *Non-Ischemic Cardiomyopathy, Hypertension and Treatment with Carvedilol are Predictors of Improvement in Left Ventricular Ejection Fraction in Patients with Systolic Dysfunction.* A. Hashim (Resident), et al., S. Simpson.
- *Patient Reported Motivators for Weight Loss.* T. Dunek (Resident), L. Williams (Resident), Family Medicine Residents and Faculty, D. Baumgardner, S. Simpson, L. Sullivan Vedder (AUWMG).
- *Incidence and Predictors of Post-Operative Fevers in Patients Undergoing Hip and Knee Surgery.* J. Halm (AUWMG), R. Racadio, D. Thompson, J. Bergstrom.
- *Prevalence and Significance of Changes in Left Ventricular Ejection Fraction during Gated SPECT Myocardial Perfusion Imaging.* B. Haddadian (Resident), S. Port (Aurora Health Care).

- *Quality Improvement of BP Measurement.* A. Caceres (AUWMG), et al.
- *Quality Improvement Project: Normoglycemia in Older vs. Young Patients with Hip and Knee Arthroplasty at ASMC.* A. Khan (AUWMG).
- *Quality Improvement Project for Varicella Immunization in Women of Childbearing Age.* B. Amuzu (AUWMG), L. Gupta (Resident).
- *Use of Information Technology for Real-Time Improvement in Care of Seniors in an Outpatient Clinic – “Healthy Aging Tracker.”* R. Demircioglu (AUWMG), A. Schreiber, J. Bergstrom, et al.
- *Weight Management for a Defined Employee Population.* Funded by the Robert Wood Johnson Foundation. A. Lux (AUWMG), A. Schreiber, L. Soderstrom, et al.
- *Wisconsin Initiative to Promote Healthy Living.* Funded by the federal Substance Abuse and Mental Health Services Administration (SAMHSA) to Dr. Rich Brown at the University of Wisconsin. Locally, Dr. Paul Koch will lead the initiative in the Aurora Health Care clinics.



In collaboration with the UWM Center for Addiction and Behavioral Health Research, Dr. Ron Cisler is analyzing data from the *COMBINE Cost Effectiveness Study – Combining Pharmacotherapy and Behavioral Therapy in Treating Alcoholism* funded by the National Institutes of Health National Institute of Alcohol Abuse and Alcoholism and awarded to the Research Triangle Institute. The study is assessing the cost effectiveness of combining pharmacotherapy and behavioral interventions in treating alcoholism. R. Cisler, A. Begun (Center for Addiction and Behavioral Health Research), A. Zweben (Columbia University), T. Salm Ward, G. Zarkin (Research Triangle Institute), et al.

Researchers from the UWSMPH have completed *Factors Influencing the Completion and Content of Advance Directives*, a pilot project to assess the feasibility of using data from Aurora Health Care to examine factors influencing the completion of advance directives. M. Smith (UWSMPH), D. Vanness (UWSMPH), S. Wright (UWSMPH), J. Cleary (UWSMPH), J. Bergstrom.

Center staff assisted in data analysis of the *Correlation Between First Two Values and Last Two Values of Three-Hour Glucose Tolerance Test*. A.S. Khadye (UWSMPH), J. Bergstrom

The Center has completed *Utilizing Population-Based Criteria to Determine Individual Clinical Significance Outcomes of Alcohol Treatment*, a National Institutes of Health National Institute of Alcohol Abuse and Alcoholism funded study examining the use of population-based criteria to determine individual clinical significance outcomes of alcoholism treatment. R. Cisler, S. Saunders (Marquette University), R. Kowalchuk (Southern Illinois University), H. Trinh (UWM), D. Kivlahan (University of Washington), P. Wirtz (George Washington University), A. Zweben (Columbia University).

Community-Based Research and Initiatives

Community-Based Research

The Center is involved in several community-based research projects, including the following:

Assessment of Children with Special Health Care Needs. Project to assess the prevalence of children with special healthcare needs (CSHCN) residing in the City of Milwaukee. The CSHCN Screener®, an instrument designed to identify CSHCN, was included in the administration of the Greater Milwaukee Survey, implemented by the Institute for Survey & Policy Research at the University of Wisconsin-Milwaukee in 2004, 2005, and will again be included in 2007. The Center is doing the data analysis. S. Partington, R. Cisler, K. Blair (MHD).

Aurora Community Health Survey. A comprehensive survey of eastern Wisconsin commissioned in partnership with local health departments to identify areas of greatest need. Center staff and Mark Huber are exploring more extensive analysis of the survey data such as comparison with other population health data, exploration of alcohol issues, and a geographic information system analysis of obesity-related data. M. Huber (Aurora Health Care), S. Partington, J. Bergstrom, R. Cisler.

Study of Trends in School-Based Health Initiatives. Commissioned by the Greater Milwaukee Committee for Community Development (GMC), this study involved a comprehensive review of the literature and qualitative interviews to examine best practices and trends in school-based health initiatives. The report has been shared with the GMC and will be shared with key stakeholders in the Milwaukee area. L. Galvão, R. Cisler, A. Schreiber, J. Bergstrom, A.M. Talsky.

Understanding Youth Violence Using African American Traditions. A community-based research project led by the Social Development Commission with the Arms Around Amani Neighborhood Association, New Horizon Center, Inc., Greater Galilee Missionary Baptist Church, and Mothers Against Gun Violence. D. Blanks (Social Development Commission), E. Dunbar (Social Development Commission), R. Cisler, J. Bergstrom, B. Beck.



Weight Management for a Defined Employee Population using an Interactive eHealth Portal (Aurora Healthy Lifestyles Study). A study funded by the Robert Wood Johnson Foundation on the use of web-based tracking tools for weight loss. A. Lux (Aurora UW Medical Group), S. Partington, R. Cisler, A. Schreiber, L. Soderstrom, N. Linkon (Aurora Health Care), M. Doherty (Aurora Health Care), P. Elgin (Aurora Health Care).

Community Partnerships

In 2006 the Center strengthened our partnerships with key community organizations, and began work to build innovative partnerships with existing and new organizations. Examples of successful partnerships include the following:

City of Milwaukee Health Department.

Our partnership with the Milwaukee Health Department (MHD) extends beyond project-specific collaborations to include strategic initiatives that build on each organization's strengths. For example, the Milwaukee Health Commissioner is an active member of our Center Executive Committee. In this role, he ensures that the Center remains on course with our mission of improving the health of urban communities. He also keeps the Center involved in key public health discussions.

The Center also provides an academic home at the UW School of Medicine & Public Health for the MHD's Medical Director, and partially funds this contract. This relationship again encourages continued collaborations between the Center and MHD, and provides a rich resource to the Center.

The Center and MHD share a Public Health Education and Training Coordinator, Barbra Beck, Ph.D. (Associate Faculty Associate). This position is supported in part through funding from the Center, and primarily through funds from the UWSMPH Master in Public Health program, which is in turn funded by the Wisconsin Partnership Fund for a Healthy Future. This alliance has allowed Dr. Beck to identify a wealth of service-learning opportunities through the MHD, the Center and community organizations, including collaborative opportunities between newly affiliated Center scientists and service learners for applied population health research endeavors.



Dennis Baumgardner, Trina Salm Ward and Barbra Beck discuss service-learning opportunities.

The Center will be assisting the Health Department in program evaluation of the *Milwaukee Nurse-Family Partnership Program*, a Wisconsin Partnership Fund for a Healthy Future implementation grant awarded to the Health Department to evaluate a model that provides first-time, high-risk mothers with two and a half years of structured home visitation services from public health nurses. G. Swain, J. Paradowski, L. Acheson (City of Milwaukee Health Department), S. Partington.

Milwaukee Public Schools. The Center has cultivated a strong partnership with Milwaukee Public Schools (MPS) that has allowed us to develop projects that pair MPS' needs with the Center investigator interests and expertise. For example, the Center, MPS and Prevent Blindness Wisconsin (PBW) are completing *Project 20/20: Advanced Technology for Vision Screening*, which allowed the Center to develop new and innovative technology to meet MPS' need to efficiently provide vision screening for children. Although funding for Project 20/20 ended in September 2006, the Center has committed information technology resources to maintain the Project 20/20 software and database so that MPS and PBW can continue to conduct vision screening using this technology. In addition, PBW, MPS and the Center are seeking funding to expand on this technology to develop and

implement a national model for vision screening. This new model, called E-Sight, will make use of new technology to streamline the screening, referral, record keeping requirements and follow-up to make the screenings more effective and efficient. R. Cisler, S. Partington, D. Steber, J. Bergstrom, K. Murphy (Milwaukee Public Schools), M. Cail (Prevent Blindness Wisconsin) and volunteers.



The Center and the UWM College of Nursing's Institute for Urban Health Partnerships (IUHP) are also collaborating with MPS to complete the *Milwaukee Public Schools Multi-Level Information Systems (Health Information Improvement Project – HIIP)*, a Wisconsin Partnership Fund for a Healthy Future implementation grant to assess the general health and health risks of Milwaukee school children. Results of this project will be shared with key stakeholders and used in decision-making about ways to improve the health of school children at MPS. Center investigators will work with IUHP and MPS to disseminate this information nation-wide to be used by other public health professionals and school-based health care staff to improve health in other urban areas. R. Cisler, S. Partington, L. Galvão, J. Bergstrom, K. Murphy (Milwaukee Public Schools), Institute for Urban Health Partnerships.

Homicide Review Commission. The Milwaukee Police Department, the City of Milwaukee, the Milwaukee County District Attorney's office, and community organizations make up a comprehensive initiative to promote healthy and safe neighborhoods and reduce the occurrence of homicides in Milwaukee County. One need identified by the Homicide Review Commission was data sharing in the Milwaukee area to prevent and control crime. As a result, the Center is collaborating with Mallory O'Brien and the Homicide Review Commission to conduct a needs assessment with Milwaukee stakeholders. B. O'Keefe (Milwaukee Police Department), M. O'Brien (Milwaukee Police Department, Harvard), R. Cisler, D. Steber, and other key stakeholders.



The Homicide Review Working Group, under the direction of Mallory O'Brien, PhD, meets at the Center.



National Cancer Institute (NCI).

The Center is collaborating with NCI to provide Milwaukee-based space for Maebe Brown, MS, to help her conduct her work as the Partnership Program Manager for the NCI's cancer communications network. Brown is also a member of the steering committee of the Wisconsin Comprehensive Cancer Control Plan, and an active member of the Milwaukee Regional Cancer Care Network. Our collaborations with Brown and NCI allow exploration of future relationships and projects in the area of cancer and chronic disease.

Transition to Adult Services. Dr. Dennis Baumgardner participates in this statewide collaborative to improve the transition of adolescents with special needs from pediatric to adult health care. In addition to Dr. Baumgardner's professional contributions to this collaborative, he represents AUWMG and the Center and stays strategically connected to other initiatives in this area.

Marquette School of Dentistry. The Center is maintaining and updating an interactive on-line dental Continuing Medical Education (CME) program, *Geriatric Oral Health: The Missing Link to Comprehensive Care*, which offers a continuing schedule of in-person trainings as well as the on-line program. M. Malone (AUWMG), Marquette School of Dentistry, D. Steber, A. Marek.

Teen Pregnancy Prevention Campaign. In 2006, in response to Milwaukee's unacceptably high rate of teen pregnancies, the United Way of Greater Milwaukee held an important discussion around the results of their *If Truth Be Told* report. The Center sponsored a table of community participants at this dialogue, including Deborah Blanks and Ella Dunbar from the Social Development Commission, Helen Captillo from Milwaukee AHEC, Betsy Duxbury from Milwaukee Public Schools' GEAR UP program, Barb Popp from Aurora Health Care, and representatives from the Center. The United Way subsequently developed a Teen Pregnancy Oversight Committee to recommend approaches and evaluate progress toward reducing teen pregnancy. As a member of this committee, Dr. Ron Cisler is able to contribute the Center's strengths and knowledge in the area of maternal and infant health.

Wisconsin Association of Perinatal Care (WAPC). The Center, in collaboration with WAPC, Marquette University, and birth hospitals, has developed and is maintaining *PeriData.Net™*, a statewide perinatal database. This project

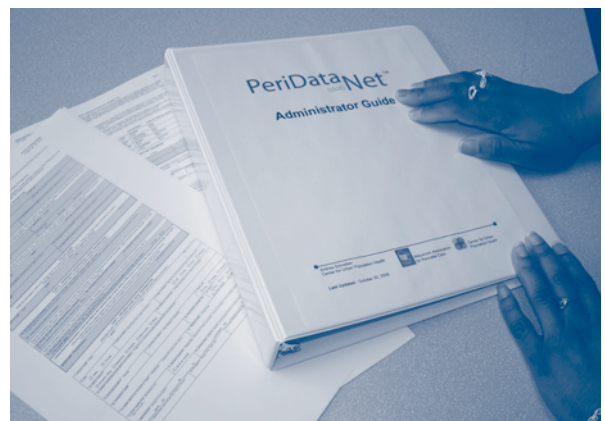


Andrew Marek, the Center's Web Application Developer, mans the *PeriData.Net™* Help Desk.

includes a 2005 Wisconsin Partnership Fund for a Healthy Future implementation grant to extend *PeriData.Net* to rural Wisconsin birth hospitals and train these users in the database applications, including analysis and use. R. Cisler, D. Steber, A. Marek, S. Partington, A. Conway (WAPC), M. Weiss (Marquette University).

WI Fetal Alcohol Spectrum Disorders Prevention and Intervention Project Advisory Committee.

As a member of this committee, Dr. Ron Cisler is able to contribute the Center's strengths and knowledge and stay connected with other vital players in the area of maternal and infant health.



Survey of Health of Wisconsin (SHOW). The overall goal of SHOW is to create a permanent infrastructure to effectively gather data for the assessment of population health needs and the condition of healthcare delivery systems in Wisconsin, and to inform the determination of health priorities. During 2006, Dr. Loren Galvão participated as a member of the Survey and Sampling Design Committee of SHOW. SHOW is led by Dr. Javier Nieto (UWSMPH). Near the end of 2006, Dr. Galvão became Associate Director for the SHOW's Milwaukee study site. She will build upon the Center's established connections with the Milwaukee community and take a leadership role in SHOW's Milwaukee-based portion. J. Nieto (UWSMPH), L. Galvão, et al.

Partnerships for Healthy Milwaukee. The Center has worked closely with UWM's Lora Taylor de Oliveira, Executive Director of Partnerships for Healthy Milwaukee (PHM). For example, Ms. Taylor de Oliveira is currently working with the Center to facilitate the Milwaukee Regional Cancer Care Network (MRCCN), a network of community stakeholders and health care providers collaborating to eliminate barriers to cancer care. The MRCCN is completing a community assessment and will begin strategic planning in 2007. R. Cisler, L. Taylor de Oliveira (PHM), J. Bergstrom, T. Salm Ward, A. Ellestad (Wisconsin Comprehensive Cancer Center).

Other collaborations with Partnerships for Healthy Milwaukee have included grant proposals and the development of service-learning opportunities for students and fellows.

Working Consortium on the Inclusion and Care of the Under-Represented in Clinical Research.

Since January 2006, Dr. Ron Cisler, Trina Salm Ward, Anne Marie Talsky, and most recently Dr. Loren Galvão have been collaborating in this nation-wide pilot consortium to address best practices, tools, curricula and innovative strategies regarding outreach, care and



Ron Cisler addresses the Milwaukee Regional Cancer Care Network.

recruitment of underrepresented populations in clinical research. This consortium intends to create a roundtable to expand collaborative partnerships, establish dialogue and transform the work and practice of inclusion of underrepresented populations. As members of this consortium, we have made strong connections in community-based participatory research and presented on using role induction as a tool for retention in clinical trials.

Aurora Health Care. The Center continues to act as a liaison between researchers and the Aurora Care Management data management team. The Center assists researchers in identifying appropriate variables, requests the data from Care Management, and provides reports to the researchers. Several projects are currently underway examining topics such as diabetes care, smoking cessation, and advanced directives. By facilitating researchers' access to Aurora's extensive care management data sets, the Center is providing an opportunity for researchers to study issues, implement interventions, and ultimately track the results of these interventions in clinical settings.

An example of this type of research is the *Economics of Smoking Cessation* study. The UW Center for Tobacco Research and Intervention (CTRI) is assessing the effectiveness of a pharmacotherapy clinical trial and assessing

the patterns of health care utilization and costs of smokers receiving state of the art tobacco cessation treatments. The Center is providing the link between the Aurora Care Management database and CTRI to de-identify and provide data for researchers. T. Jackson, S. Curry, M. Fiore, P. Fishman, P. Falvey, R. Cisler, D. Steber, J. Bergstrom.

In 2006, the Center met with Aurora's School-Based Health Team to explore potential collaborations, including evaluation of current activities and opportunities for future funding. One potential project under discussion is to test pilot telemedicine technology in select Milwaukee Public Schools to allow off-site medical diagnosis, treatment planning, and

disposition. The Center plans to provide evaluation and data management assistance for this project.

We are collaborating with Aurora's Department of Clinical Research to share office and exam room space to conduct clinical trials. The Center and the Department of Clinical Research are actively recruiting a shared position for a Research Scientist who will work on several joint projects, including the Wisconsin Network for Health Research (WINHR), the Accelerating Change and Transformation in Organizations and Networks (ACTION – AHRQ) program, Care Management initiatives, and other health services research.

The Center is also assisting Aurora with the following projects:

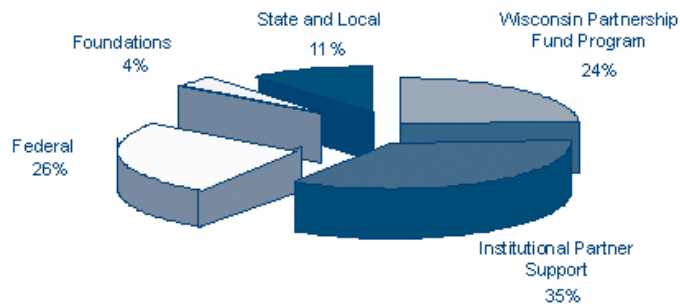
- ***Safe Mom, Safe Baby***, a project to identify pregnant women and new mothers at risk for Intimate Partner Violence and provide targeted assessments, case management, education, prenatal care, advocacy and mentors, and effective stage-based clinic and in-home interventions to improve the health and safety outcomes of women and their children. J. Tillett (AUWVG), A. Kramer, A. Amanze, T. Mason (AUWVG), L. Soderstrom, S. Partington, J. Bergstrom.
- ***The Health Care Task Force on Pre- and Inter-Conception Care: Optimizing Women's Health and Increasing Access to Primary and Preventative Health Services***, a Wisconsin Partnership Fund for a Healthy Future planning grant to develop culturally appropriate strategies for enhancing access to preconception and prenatal care and improving birth outcomes among at-risk women. T. Mason, C. Hamm, C. Van Mullen, J. Bergstrom, L. Galvão, and other task force members.
- On-line Continuing Medical Education opportunities around geriatric medical care. In 2006, Aurora released or re-released courses titled: ***Geriatric Falls, Geriatrics Practice: Getting Paid for What You Do, and Medicare Part D: Implications for Physicians and the Health Care Team***. M. Malone (AUWVG), D. Steber, A. Marek.
- ***Aurora Patient Satisfaction Survey***. Conduct bi-annual survey of outpatients at Milwaukee Clinical Campus clinics and report results. S. Partington, L. Soderstrom. Completed.

Other Community Partnerships

In 2006, Center staff met with community agencies to explore potential research collaborations and to provide technical assistance. As a result, we collaborated on 13 Wisconsin Partnership Fund and Healthier Wisconsin Partnership Fund proposals, as well as other funding and project proposals.

Resources

The Center receives infrastructure funds committed by its institutional partners – the University of Wisconsin School of Medicine and Public Health, the University of Wisconsin-Milwaukee, and Aurora Health Care, Inc. From 2003 to 2006 (four years), these partners provided about \$2.4 million of research and educational funding and support to the Center. With this base funding, we have been able to return approximately \$4.9 million in extramural grants and contracts back to our institutional partners and out to the community. The graph below summarizes our resources for 2006, representing a total of \$1,703,000.



2006 Resources

Federal (\$447,000)

Office of Justice Assistance

- City of Milwaukee Homicide Review Records Needs Assessment

Department of Commerce

- Project 20-20 Vision Screening Technology

National Institute of Alcohol Abuse & Alcoholism, NIH

- Clinical Significance of Alcohol Treatment
- Combining Therapies in Treating Alcoholism
- Cost Effectiveness of Alcohol Dependence Treatment

National Institute of Aging, NIH

- K01 Mentored Career Award – Scott Strath

Foundations (\$61,000)

The Robert Wood Johnson Foundation

- Weight Management for a Defined Employee Population Using an Interactive e-Health Portal

The Wellpoint Foundation

- The Greater Milwaukee Committee, Trends in School-Based Health Initiatives

State and Local Contracts (\$190,000)

- American Geriatric Society, Online CME
- Marquette Dental School, Geriatric Oral Health Website
- Wisconsin Association of Perinatal Care. Perinatal Database Technology Development
- Wisconsin Hospitals (65 hospitals statewide), Peridata System Maintenance and Service

Wisconsin Partnership Programs (\$415,000)

- Homicide Review Commission
- Milwaukee Regional Cancer Care Network
- Multi-Level Information Systems and Health Promotion Interventions for Milwaukee's School Children
- PeriData: A Rural/Urban Information Network
- Public Health Development Plan
- Safe Mom, Safe Baby: Collaborative Model of Care for Pregnant Women
- Wisconsin Network for Health Research (WiNHR)

Institutional Partner Core Support (\$590,000)

- Aurora Health Care, Inc.
- UW School of Medicine and Public Health
- UW-Milwaukee

Publications and Presentations

Publications

- Anton, R. F., Ciraulo, D. A., **Cisler, R. A.**, and others for The COMBINE Study Research Group. (2006). Combined pharmacotherapies and behavioral interventions (The COMBINE Study) for alcohol dependence. *Journal of the American Medical Association*, 295(7), 2003-2217.
- Bates, M. E., Buckman, J. F., & **Cisler, R. A.** (In press). Social networks and their influence on drinking behaviors: Differences in cognitively impaired and unimpaired clients who seek treatment. *Journal of Studies on Alcohol and Drugs*.
- Baumgardner, D. J.**, Halsmer, S. E., Steber, D., Shah, D., Mundt, M. (2006). Does Proximity to Clinic Affect Immunization Rates and Blood Pressure? *The International Journal of Psychiatry in Medicine*, 36(2), 199-209.
- Baumgardner, D. J.**, Knavel, E. M., Steber, D., Swain, G. R. (2006). Geographic Distribution of Human Blastomycosis Cases in Milwaukee, Wisconsin, USA: association with urban watersheds. *Mycopathologia*, 161(5), 275-282.
- Berger, L. K., Sedivy, S. K., & **Cisler, R. A.** (In press). The influence of work environmental stressors and individual social vulnerabilities on employee problem drinking. *Journal of Social Work Practice and the Addictions*.
- Blondin, N., **Baumgardner, D. J.**, Moore, G. E., Glickman, L. T. (In press). Blastomycosis in indoor cats: Suburban Chicago, Illinois, USA. *Mycopathologia*, 163 (2), 59-66.
- Bray, J. W., Zarkin, G. A., Miller, W. R., Mitra, D., Kivlahan, D. J., Martin, D. J., & **Cisler, R. A.** (In press). Measuring economic outcomes of alcohol treatment using the Form-90. *Journal of Studies on Alcohol and Drugs*.
- Chen, M., Macaluso, M., Blackwell, R, **Galvão, L.**, Kulczycki, A., Diaz, J., Jamieson, D., Duerr (In Press) Self-reported mechanical problems during condom use and semen exposure: comparison of two randomized trials in the United States of America and Brazil. *Sex Transm Dis*.
- Lee, D., Eapen, S., Van Buren, J., Jones, P., **Baumgardner, D. J.** (2006). A Young Man Who Could Not Walk. *Wisconsin Medical Journal*, 105(1), 58-61.
- Partington, S.**, **Cisler, R.**, Blair, K. (2006). Prevalence of Children with Special Health Care Needs in Milwaukee, Wisconsin: Data from the Milwaukee Metropolitan Statistical Area. *Wisconsin Medical Journal*, 105(3), 30-35.
- Stevens, P. E. & **Galvão, L. W.** (In Press). "He won't use condoms": HIV-infected women's struggles in serodiscordant primary partnerships. *American Journal of Public Health*.
- Swain, G. R.**, Bennett, N., Etkind, P., Ransom, J. (2006). Local Health Department and Academic Partnerships: Education Beyond the Ivy Walls. *Journal of Public Health Management and Practice*, 12(1), 33-36.

Trembl, K., Swain, G. R., Wegner, M. (2006). Disparities in Urban Cancer Mortality in Wisconsin. *Surveillance Brief*, 2(4), 2-4

Vakil, N., Guda, N., Partington, S. (2006). The effect of over-the-counter ranitidine 75 mg on night-time heartburn in patients with erosive oesophagitis on daily proton pump inhibitor maintenance therapy. *Alimentary Pharmacology & Therapeutics*, 23, 649-653.

Presentations

Baumgardner, D. J., Blondin, N., Moore, G. E., Glickman, L. T. (2006). *Blastomycosis in Indoor Cats: Suburban Chicago, IL, USA (Poster)*. Presented at the 34th Annual Meeting: North American Primary Care Research Group, Tucson, AZ.

Otto-Salaj, L. L., Cisler, R. A., et al. (2006, January 14). *Outcome of an HIV intervention for persons with serious mental illness and comorbid substance use*. Paper presented at the 10th Annual Conference for the Society for Social Work Research, San Antonio, TX.

Bergstrom, J., Partington, S. N., Galvão, L., Murphy, M. K., Fayram, E., Cisler, R. A. (2006, November 4-8). *Active Consent in School Health Research: Friend and Foe?* Paper presented at The American Public Health Association Annual Meeting, Boston, MA.

Salm Ward, T. C., Cisler, R. A. (2006, September). *Recruitment and retention successes in the COMBINE Study*. Presented at the Working Consortium on the Inclusion and Care of the underrepresented in Clinical Research via Videoconference, Milwaukee, WI.



Jessica Bergstrom presents at the APHA Annual Meeting in Boston, MA.

Stevens, P., Galvão, L. W. (2006, August). *"He won't use condoms": HIV-infected women's struggles in serodiscordant primary partnerships*. Poster presentation. Presented at the XVI International AIDS Conference, Toronto, Canada.

Swain, G. R. (2006, December 11). *Immunization Update for Family Physicians*. Presented at the Aurora St. Luke Family Medicine Residency Program, Milwaukee, WI.

McMurtry, S. L., Rose, S. J., Cisler, R. A. (2006, January 14). *Very brief screening measures of research and practice*. Presented at the 10th Annual Conference for the Society for Social Work Research, San Antonio, TX.

Swain, G. R. (2006, September-November). *Small Group Discussion Co-Leader*. PHS 780 Public Health Principles and Practices, Madison, WI.

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EDUCATION CENTER MILWAUKEE ADOLESCENT HEALTH PROGRAM MILWAUKEE BIRTHING PROJECT
MILWAUKEE CENTER FOR INDEPENDENCE MILWAUKEE COUNTY BREASTFEEDING COALITION MILWAUKEE
COUNTY DEPARTMENT OF HEALTH AND HUMAN SERVICES MILWAUKEE COUNTY DISTRICT ATTORNEY'S
OFFICE MILWAUKEE COUNTY HEALTH PROGRAMS MILWAUKEE HEALTH DEPARTMENT MILWAUKEE POLICE
DEPARTMENT MILWAUKEE PUBLIC SCHOOLS MILWAUKEE SHERIFFS OFFICE MILWAUKEE WOMENS CENTER
MOREHOUSE SCHOOL OF MEDICINE MOTHERS AGAINST GUN VIOLENCE MOUNT MARY COLLEGE
NATIONAL CANCER INSTITUTE NEW CONCEPT SELF DEVELOPMENT CENTER NEW HORIZON CENTER INC
PARTNERSHIPS FOR HEALTHY MILWAUKEE POPULATION HEALTH INSTITUTE PRENATAL CARE COORDINATION
PROGRAM PREVENT BLINDNESS WISCONSIN PROJECT UJIMA RESEARCH TRIANGLE INSTITUTE SAFE AND
SOUND SIXTEENTH STREET COMMUNITY HEALTH CENTER SOCIAL DEVELOPMENT COMMISSION
SOUTHERN ILLINOIS UNIVERSITY STAIRSTEP FOUNDATION STANFORD UNIVERSITY STATE OF WISCONSIN
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UNIVERSITY OF NEW MEXICO UNIVERSITY OF NORTH CAROLINA UNIVERSITY OF PITTSBURGH UNIVERSITY

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OF CORRECTIONS WISCONSIN DIVISION OF PUBLIC HEALTH
SOCIATION WISCONSIN OFFICE OF JUSTICE ASSISTANCE ALVERNO

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