Study Highlights Elements of Effective Law Enforcement Domestic Violence Units in North Carolina

The Center for Urban and Regional Studies recently completed a study to evaluate eleven law enforcement domestic violence units (DVUs) in North Carolina. Titled "Evaluation of Law Enforcement Domestic Violence Units in North Carolina: Helping Reduce Domestic Violence Through a Collaborative Response," the study's purpose was to determine the impact of DVUs on domestic violence in communities and to identify effective practices to guide officers in establishing or improving a DVU in their own agencies. Conducted between June 1998 and January 2000, the study was funded by the North Carolina Governor's Crime Commission and directed by Dr. Anna Waller, Department of Emergency Medicine. In addition to Dr. Waller, the interdisciplinary research team included Co-Investigators Anne Fishel, School of Nursing; Cathy Luz, Department of Anthropology; Mike Bawling, Injury Prevention Research Center and Christina Makarushka, CURS, who also served as the project manager. Thom Chivens, Barbara Roole, Debrah Gammer, and Veronica Magar, a student in the Department of Anthropology, provided research support to the project.

Of the eleven units studied, five were based in a police department (Durham, Charlotte-Mecklenburg, Fayetteville, Raleigh, and Winston-Salem), five were based in a sheriff's office (Caldwell, Haywood, Johnston, Mecklenburg, and Pitt), and one was based in a district attorney's office (New Hanover).

This study was conducted in four research phases. Phase I involved gathering background information on history, goals and objectives, and current status from the eleven DVU programs. Phase II consisted of administering a survey on domestic violence to law enforcement officers. Phase III involved intensive follow-up visits to five DVUs selected for further investigation. These visits included interviews with key people in both the law enforcement agency and

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FROM THE Director

The lead article in this issue highlights the latest in a series of projects we have done for the N.C. Governor's Crime Commission (GCC). This study is on domestic violence, an all too frequent occurrence in our society. The study is based on the careful analysis of eleven domestic violence units in the state. It assesses whether they are meeting their goals, as well as their impacts on the attitudes and behaviors of law enforcement officers, community service providers and, most importantly, domestic violence victims themselves. This study provides important insights into how police departments can effectively work to reduce domestic violence.

This study is one of a series of projects that we have done for the GCC including two studies of community policing and a study of the impacts of after school programs on school performance and criminal justice system involvement of teenagers. Each of these projects has involved careful research on the effectiveness and impacts of a sample of programs. Each involved the preparation of both a research report containing a full description of the data, methods and conclusions, and an effective practices manual, which presents a step by step process for developing and successfully managing the program under study.

We are particularly proud of this series of projects since they epitomize CURS’ mission, which is to conduct high quality research and to make that research accessible to policy makers and practitioners who can use it to address pressing social issues. We are currently at work on a project that will be the development of new materials to facilitate that communication including pamphlets and videos. That project will be completed early next year so please stay tuned.

Bill Rohe
"I hired Carroll to be my secretary soon after coming to the Center in 1970 and later, she became CURS' administrative manager. She knew, or knew how to find her way to, the deepest recesses of the UNC administrative structure to the benefit of the Center's program and the many people who worked there over the years. Her tireless work on behalf of the Center and her loyalty to its mission contributed in innumerable ways to its success. Her retirement is well-earned and richly deserved."

—Jonathan B. Howes
Director, Center for Urban and Regional Studies, 1970-1993

"Carroll's enthusiasm and dedication to this organization has been truly extraordinary. She was always willing to 'go the extra mile.' I will sorely miss her and I know the rest of the CURS staff will too. We all wish her well in retirement."

—William M. Rohr
Professor and Director, Center for Urban and Regional Studies

"It's hard to think of CURS without Carroll, who knows everyone and everything that goes on around UNC. My fondest memories are of Carroll taking care of the yard at Hickerson House and minding her flowers on a Saturday or Sunday morning and, like her plants, just generally nurturing each and everyone of us whose paths crossed hers at the Center. We'll really miss you, Carroll!"

—Raymond Burby
Professor, Department of City and Regional Planning

The End of an Era

Though it's hard to envision life at Hickerson House without her, the time finally arrived. After thirty years of service to UNC at the Center for Urban and Regional Studies, Administrative Assistant Carroll Cyphert retired on July 1, 2000. After moving to North Carolina from Pittsburgh, PA in the 1960's, Carroll was hired by former Director, Jonathan Howes on November 1, 1970 and has been at the Center ever since. During her tenure, she also worked closely with and under the direction of Ray Burby, Mike Segman, Ed Kaiser, David Brower, and the current Center Director, Bill Rohe. Carroll was an original member of the CURS staff when it moved from the Evergreen House to Hickerson House in 1970 and has devoted her entire career to helping the Center grow from a small administrative unit with eight research projects in 1959 totaling $380,000 to its current level of fifty research projects totaling over $6.5 million.

Over the past 30 years, Carroll has not only served the Center administratively but she has truly been the spirit of Hickerson House. When someone had been out of print for 15 years, you could bet that Carroll would track down the original and promptly send out a copy. Carroll's lively stories of years past at the Center have enlightened those of us who currently work with her and as such she has earned the title of "Resident Historian." As many of you know, Carroll's investment in the Center went well beyond the administrative duties for which she was responsible.

Over the years there were plenty of weekend and evening hours where Carroll could be found at 108 Battle Lane, planting flowers, pulling weeds, and generally improving the overall appearance of Hickerson House.

Carroll has always been willing to go the extra mile to make sure that the Center's reputation for quality and integrity remained intact. As she enters the world of retirement, Carroll takes with her a huge piece of history and a spirit that will never be replaced.

Your "family" at the Center wishes you the very best, Carroll. Your humor, resiliency, dedication and most of all, you, personally will be deeply missed.

With our sincerest appreciation and affection, your friends and colleagues at CURS.

[Signatures]

[Handwritten notes]
and the community, as well as foster groups with victims of domestic violence. Phase IV included data analysis and report preparation. The study was able to generate a number of findings about successful DVU programs, and recommendations for further improvements even in the strongest existing units.

**FINDINGS**

**Characteristics of an Effective Domestic Violence Unit**

The presence of a DVU was found to substantially enhance a law enforcement agency’s response to domestic violence calls. The study concludes, therefore, that all law enforcement agencies should have a DVU. Although DVUs vary depending on community needs, successful units had similar attributes. Study findings show that effective DVUs should:

- Focus on follow-up rather than initial investigations, allowing the division of labor between patrol officers and DVU officers to extend the reach of the unit;
- Build on the successful practices of existing units in other parts of North Carolina, and in other states;
- Reflect the ethnic, cultural, and gender diversity of their communities;
- Hire a sufficient number of investigators relative to the population size they serve;
- Clearly define roles and responsibilities of DVU officers;
- Regularly evaluate DVU activities and modify the DVU according to evaluation results;
- Collaborate with victim services organizations in order to gain information and avoid duplication of services;
- Hire DVU officers who are committed to preventing and responding to domestic violence, and who have excellent people skills; and
- Provide officers opportunities to share their frustrations and successes.

**RECOMMENDATIONS**

**Leadership**

Law enforcement agency leadership (including officers, districts, attorneys, victim advocate specialists, etc.) is critical for establishing, maintaining, and improving a domestic violence unit and ensuring that it plays a key role in responding to domestic violence. The leadership should also demonstrate support for improving the agency’s response to domestic violence, and develop procedures for responding to domestic violence cases, including cases in which the perpetrator or victim is a law enforcement officer. Agency leadership should provide concrete support by improving technology, such as cellular phones or Internet access, and making sure technology available to patrol and DVU officers to improve officer effectiveness in responding to domestic violence calls. Additional support should address officer burnout, characterized by low morale among officers and less sensitivity to the needs of domestic violence victims.

**Funding**

Adequate funding is critical for establishing and maintaining a successful DVU. Program development and improvement are impossible without sufficient financial resources. DVUs should do the following:

- Develop a long-term sustainability plan at the start of the unit;
- Develop strategies to address potential loss of funding. Some strategies include developing community networks, building citizen support, and preparing data to demonstrate program successes;
- Work with funding agencies such as the Governor’s Crime Commission and the National Institute of Justice to develop strong proposals for continued funding.
DVU Officers' Roles and Responsibilities

Officers are the backbone of a domestic violence unit. They should:

• Develop expertise in handling domestic violence cases by receiving specialized training.
• Conduct follow-up investigations.
• Serve ex parte orders and warrants in a timely manner.
• Ensure collection and provision of evidence for evidence-based prosecution by the district attorney.
• Provide support to victims of domestic violence and refer them to appropriate community resources.
• Organize and participate in domestic violence officer training, at least annually.
• Ensure that domestic violence training is provided for all law enforcement officers.
• Develop a domestic violence supplemental reporting form and establish policies and procedures for responding to domestic violence calls.
• Consult with patrol officers as needed.
• Educate the community about domestic violence through civic groups, schools and other such venues.

Collaborative Community Response

The study revealed that effective law enforcement DVUs are an integral part of a network of community leaders and institutions which includes the courts, victim services, social services, schools, religious institutions, and health care providers. DVUs should participate in a domestic violence task force in their local community. These units should also assign a DVU representative to attend task force meetings consistently, as well as coordinate and collaborate with other victim services agencies.

Monitoring and Evaluation

A good and consistent evaluation system will strengthen an agency's Domestic Violence Unit. Results from an evaluation can be used to improve services, obtain funding, and increase public interest in and appreciation of the DVU. Law enforcement agencies should obtain program information by using a supplemental reporting form to collect evidence for domestic violence cases. They should also track domestic violence cases using a computerized database, and request feedback from victims on their experiences with patrol and DVU officers through surveys, interviews or focus groups.

CONCLUSION

Successful Domestic Violence Units share a number of essential characteristics that allow them to operate effectively. Agencies considering the establishment of a DVU should consult with other agencies that have already demonstrated success. There is much to be learned from existing DVU programs, and there are many ways in which existing DVUs can improve their services to both victims of domestic violence and the community as a whole.

Since Domestic Violence Units are making a difference in communities across North Carolina, law enforcement efforts to address domestic violence should be encouraged and supported.

To order a copy of the research report, "Evaluation of Law Enforcement Domestic Violence Units in North Carolina: Helping Reduce Domestic Violence Through a Collaborative Response," please contact the Center by calling (919) 962-3074 or writing to:
Center for Urban and Regional Studies, University of North Carolina at Chapel Hill, CB# 3410, Chapel Hill, NC, 27599-3410.

To order a free copy of the effective practices handbook, "Domestic Violence Units: Effective Practices for Law Enforcement Handbook," please contact the North Carolina Governor's Crime Commission at (919) 733-4564 or write to 1201 Front Street, Suite 200, Raleigh, NC, 27609.
Regional Impacts and Opportunities of an Air Cargo Hub

By Edward J. Feser

In April 1998, Federal Express Corporation announced that it would establish a $300 million hub and package sorting facility at the Piedmont Triad International Airport (PTI) in Greensboro, North Carolina. The choice of the Triad came after the company evaluated the feasibility of six sites in North and South Carolina and negotiated alternative incentives packages with both states. In the end, the Triad’s strategic location for shipping up and down the East Coast, advantageous site-specific features at PTI, and the largest incentives package ever assembled by the state of North Carolina—over $140 million in sales tax credits, job creation credits, and workforce training services—proved the deciding factors in the competition for the hub. State officials won a major business recruiting war and the Triad gained an industrial facility that has already proven a significant growth catalyst for other cities, including Indianapolis and Memphis.

But reaction to the announcement was mixed. As the competition among the states for large industrial projects has heated up over the last two decades, so has criticism that the costs of tax breaks and other incentives granted to large corporations often fail to yield projected gains in jobs and income. Some Greensboro residents questioned whether the hub would lead to a deterioration in the region’s quality of life. Noise from late night and early morning flights, increased air pollution, and worsened highway congestion were among the chief concerns. Some feared that Greensboro would bear the brunt of the negative impacts while the rest of the region would enjoy the benefits. Others in the community challenged the magnitude of the economic benefits of the hub as estimated in an early study by the Greensboro Area Chamber of Commerce.

Cases similar to the Federal Express location in Greensboro are being repeated around the country as cities struggle to manage urban growth while also absorbing large projects lured by state governments eager to attract new businesses. Recognizing that the hub would present major challenges for the Triad region, the Joseph M. Bryan Foundation of Greensboro and the Z. Smith Reynolds Foundation of Winston-Salem commissioned Regional Technology Strategies, Inc. (RTS), a non-profit development consulting firm in Chapel Hill, NC, to identify how the region might capitalize on the hub while also limiting any adverse impacts. RTS, in turn, asked researchers at the Center for Urban and Regional Studies to produce a detailed economic impact analysis of the facility and to identify land use and environmental constraints to further growth in the region.

The CURS effort was directed by Dr. Edward Feser, faculty member in the

New Investment Strategies for the Inner-Cities

On May 24, 1999 an education project based at CURS came to fruition when a diverse group of thirty invited participants met at the Friday Center on the UNC-Chapel Hill campus. The Lincoln Institute of Land Policy sponsored the workshop, entitled New Investment Strategies for Urban Redevelopment, with assistance provided by the North Carolina Community Development Initiative. Dr. Emil Mafnas, Professor in City and Regional Planning, was the principal investigator on the project.
The workshop participants met in five facilitated groups. In the morning, they worked through a case study prepared especially for the workshop. Their charge was to find ways to attract private sector capital to an inner-city retail center that was proposed as a public-private venture involving a private developer, community development corporation, and local government. In the afternoon sessions, the participants discussed a broad array of urban redevelopment issues. Notes taken during the sessions were edited and sent to all participants within one month of the workshop. Evaluations indicated that the workshop was a huge success. Plans have begun to conduct a similar urban redevelopment workshop next year in Richmond, Virginia.

Considerable effort was devoted to writing the case study to focus the workshop discussions. The Garvey Retail Center Case: Redeveloping an Inner-City Site highlights three issues that make redevelopment more challenging than new development: site work, tenant mix, and security. In this hypothetical case, the developer must meet the equity return requirements of local investors who are active in suburban retail investment without compromising the social objectives of the city.

The Garvey case was presented in April 1999 at the American Real Estate Society's (ARES) annual meeting and in July, ARES gave its award to Dr. Malizia for best paper presented at the meetings on development issues. The revised case has been submitted for publication as a model teaching case and it will be used in two graduate real estate development courses this year.

Professor Emil E. Malizia can be reached at malizia@email.unc.edu or (919) 962-4759 for more information on the project.
FACULTY Fellows

Fifty-seven UNC faculty members from nineteen academic departments are affiliated with the Center as Faculty Fellows. The common bond of Center Fellows is an active interest in conducting basic and applied research designed to better understand our cities and regions and to make them better places in which to live. The Center provides opportunities for collaboration and ongoing communication for this diverse and accomplished group.

The Center welcomes two new faculty fellows, Dr. Rhonda Ryznar and Dr. Anne Skelly. Dr. Ryznar currently serves as Assistant Professor within the Department of City and Regional Planning and Dr. Skelly currently holds an Assistant Professor position in the School of Nursing.

Dr. Rhonda Ryznar, Assistant Professor, Department of City and Regional Planning. Dr. Ryznar teaches courses in Quantitative Analysis, Introduction to Geographic Information Systems, and Advanced Geographic Information Systems.

Dr. Ryznar's research interests are in population/environment interaction and sustainable urban environments, and she has conducted research in this area both in the United States and the Czech Republic. She is particularly interested in the emerging methodologies of integration and analysis of spatial data using Geographic Information Systems (GIS) and in the application of this technology to study changes in the natural and social environments across space and time.

Dr. Ryznar earned her Bachelor's degree from George Washington University and her Master's degree and Ph.D. in Urban and Regional Planning from the University of Michigan.

Dr. Anne Skelly, Assistant Professor, School of Nursing. Prior to coming to UNC, Dr. Skelly held several positions within the State University of New York at Buffalo, which included Clinical Instructor, Clinical Assistant Professor, and Director of the Undergraduate Program of Nursing. She also served as a Diabetes Nurse Practitioner and Senior Adult Nurse Practitioner for Erie County Medical Center in Buffalo, New York.

Professor Skelly's research interests are focused on community, family, mental and women's health issues. More recently, however, her interests have been on diabetes and its effects on minority women.

Dr. Skelly earned her Bachelor's and Master's degrees of Nursing from the State University of New York at Buffalo. Her Doctoral degree of Medical Sociology was also obtained from the State University of New York at Buffalo.

Dr. Skelly was recently awarded a $790,000 project from NIH to conduct research entitled Type 2 Diabetes: Ethnic Variation in Knowledge and Beliefs. The project is scheduled to run through 2003.
The recent accomplishments and publications of a number of Faculty Fellows are summarized below.

Judith Blau, Gillian T. Cell Professor of Sociology, continues her research on minority youth and the assets they bring to school. The Spencer Foundation, the American Educational Research Association, and the National Science Foundation have funded this research. She has completed The Blackwell Companion to Sociology, which will be published in summer 2006, and is pursuing work on art and communities.

Wil Gesler, Professor in the Department of Geography, has completed the first year of funding on his two-year project on health care accessibility in the mountain area of North Carolina. Dr. Thomas Arcury, former Research Associate with CURS, continues to work on the project from Wake Forest University and researchers from Research Triangle Institute (RTI) are also part of the project team. During 1999, the research team completed the following tasks: (1) met with community leaders in all twelve counties to tell them about the project and get feedback on the survey questionnaire and their thoughts on the most important access issues in the region; (2) trained interviewers that RTI sent into the field; (3) RTI completed door-to-door interviews on 1060 adults and 350 children; (4) wrote papers on the community leader meetings and the theoretical aspects of the utilization model being used. Dr. Gesler’s team is currently entering the data collected and plans to begin analysis within the next few months.

David R. Godschalk, Stephen Baxter Professor in the Department of City and Regional Planning (DCRP), was recently appointed to the North Carolina General Assembly’s Smart Growth Commission to examine growth management and development issues. Dr. Godschalk was also recognized by ACP as a Fellow of the American Institute of Certified Planners. See article on page 11.

Kurt Jenne, Associate Professor, Institute of Government, along with DCRP students Wendy Carpenter and Nina Albert, and Judy Lawrie of the Institute of Government facilitated a Future Search Conference sponsored by the Triangle J Council of Governments’ Solid Waste Planners Committee. The team held the three-day event, “Facing Our Future: A Regional Vision for Solid Waste Management” at Crooked Creek Country Club in Durham. One hundred and forty participants, including triangle citizens, people working for government solid waste departments, private haulers, recycling groups, firms who generate large amounts of solid waste, and appointed and elected officials from local governments in the region worked together for three days to try to “get a handle” on the issue. The conference ended with all of the stakeholder groups making significant commitments to carry out one or more specific actions identified as important to improving the process and outcomes related to solid waste management. They also left the conference with a better understanding of each others’ interests in managing the region’s solid waste.

John B. Stephens, Assistant Professor, Institute of Government, continues his work on public participation in local government. He is currently facilitating a 12-person review team that is developing recommendations to change the land use process and requirements covering the twenty coastal counties in North Carolina. Dr. Stephens also served as a consultant on Governor Hunt’s “Million Acres Initiative.” Along with Debra Henzey and Patrick Liedtka, Professor Stephens recently published “Listening to Citizens: County Commissioners on the Road,” in Popular Government Volume 64.

Lynn Usher, Kuralt Professor of Public Welfare, School of Social Work, has received a grant from the Annie E. Casey Foundation to serve on the National Evaluation Advisory Board for “Making Connections,” a neighborhood transformation and family development initiative in which the Foundation plans to invest approximately half a billion dollars over the next ten years. Information about the initiative may be found at the following Web site: http://www.aecf.org/initiatives/mfkld/.

Gordon Whitaker, Professor, Institute of Government, has begun a project to improve relationships between nonprofit organizations and North Carolina’s state and local governments. The project is funded by a grant from the Jesse Ball DuPont Fund and is being undertaken in collaboration with the North Carolina Center for Nonprofits. The goal of the project is to identify barriers and create ways to help government and nonprofits communicate better and work together more effectively to serve the public.

Deil S. Wright, Alumni Distinguished Professor of Political Science, recently received the Dwight Waldo Award from the American Society for Public Administration. This award is given to acknowledge individuals who have made an outstanding contribution to professional literature of public administration over a career lifetime. Dr. Wright also was awarded the William and Frederick Mosher Award from the Public Administration Review for the best article appearing in the journal from the six issues published during 1999. His winning article was entitled “Reinventing Government:” Professor Wright, along with Professor Philip Cooke, was awarded a grant in the amount of $50,000 from Z. Smith Reynolds Foundation to study Welfare Reform Implementation.
CIRS Welcomes Dr. James Fraser

In April 2000, Dr. James Fraser joined the Center as a Senior Research Associate. Dr. Fraser's research interests are in examining the creation and impact of organizational culture(s) (i.e., the assumptions, values, and norms of an organization) upon heterogeneous working groups. To date, he has employed a theoretical model of organizational culture in studies on work and occupations. His current interest is adapting this model to examine collaboratives that are engaged in community "work" (i.e., development, organizing). Toward this end he has and continues to collect multi-year data from a comprehensive community initiative located in Chattanooga, TN and he is delivering presentations on his findings to date.

Dr. Fraser's other current projects include an assessment of home-owner-ship on neighborhood well-being in the City of Chattanooga, TN, sponsored by the Neighborhood Reinvestment Corporation and he is also currently working with the Community Outreach Partnership Center in Durham, NC, a CIRS neighborhood revitalization project which is funded by the U.S. Department of Housing and Urban Development.

Prior to joining the CIRS staff, Dr. Fraser was an Assistant Professor of Sociology and the Director of the Center for Applied Social Research at the University of Tennessee-Chattanooga. He received his M.A. and Ph.D. in Sociology from Georgia State University and his B.A. in Sociology from the University of Georgia. He has published articles on the topics of social inequality as it relates to public policy as well as social service provision (i.e., drug treatment, education), organizational culture, community development, and social psychology.

CIRS to Co-sponsor Urban Design Conference

Traffic congestion and crime are tied as the leading local concerns of Americans, according to a national poll conducted by the Pew Center. Addressing both of these concerns at once will be the topic of a national poll conducted by the Pew Center. Addressing both of these concerns at once will be the topic of a national conference that builds on the smart growth movement.

"Redefining Community: A Coalition Approach to Street and Neighborhood Design, Crime Prevention and Public Health and Safety," cohosted by the Local Government Commission and Penn State University, will be held January 19-20 in San Diego. The Center has signed on as a co-sponsor of the event.

The national conference will gather a broad range of practitioners to examine how we can redesign existing neighborhoods and improve the design of new neighborhoods to create safer, healthier, pedestrian-friendly communities. Experts will present case studies, techniques and best practices that have positively impacted public health and safety by increasing walking, decreasing violent crime and reducing pedestrian traffic accidents.

Participants will represent a wide variety of professions, including urban designers, architects, government officials, landscape architects, planners, law enforcement professionals, and public health professionals. Speakers will approach community design from a comprehensive, multidisciplinary perspective.

For additional information, please contact Mark Bernhart, Senior Conference Planner, The Pennsylvania State University at (814) 863-3100 or e-mail him at Conferences@outreach.psu.edu. After August 1, 2000, visit the following website for updated conference information: www.outreach.psu.edu/Cll/RedefiningCommunity.
Three From CURS Recognized by American Institute of Certified Planners (AICP)

Congratulations are in order to three faculty members with CURS connections who were elected to the inaugural class of Fellows of the American Institute of Certified Planners this spring. F. Stuart Chapin, Jr., Alumni Distinguished Professor Emeritus, served as the founding director of the Center for Urban and Regional Studies. David R. Godschalk, Stephen Baxter Professor, is a long standing CURS Faculty Fellow and Raymond J. Burby, returning to the Department of City and Regional Planning at UNC-Chapel Hill, is the former assistant director of the Center. The three have collaborated on a number of research studies and publications through the Center.

Welcome Back, Ray!

The Center extends a hearty welcome to Dr. Raymond J. Burby who returned to UNC as Professor in the Department of City and Regional Planning beginning July 1, 2000. He received his doctoral training at the University of North Carolina at Chapel Hill, where he was also a professor in the Department of City and Regional Planning prior to joining the faculty of the University of New Orleans from 1992-2000 as the John M. DeBlos Chair of Urban and Public Affairs and Distinguished Professor. He is the author/co-author/editor of fourteen books and over one hundred and fifty articles and other publications on issues in land-use planning and management. Recent books include Co-operating with Nature, ed. (Joseph Henry/National Academy Press, 1998), Making Governments Plan: Stable Experiments in Managing Land Use (with Peter May and others, Johns Hopkins, 1997), Environmental Management and Governance (with Peter May and others, Routledge, 1996), and Sharing Environmental Risks (Westview, 1999). Dr. Burby was co-editor of the Journal of the American Planning Association from 1983 to 1988. He has served on the boards of directors of the Association of Collegiate Schools of Planning, Urban Affairs Association, and Southern Regional Science Association, and editorial boards of the Journal of the American Planning Association, Journal of Planning Education and Research, Journal of Planning Literature, and Journal of Urban Affairs. He has pursued an active research agenda, serving as the principal or co-principal investigator on over fifty sponsored studies. He is currently working on studies of conjoint disasters (technological disasters triggered by natural disasters), participatory planning processes, environmental justice, and the role of enforcement in development management. In 1999, Dr. Burby was one of 45 persons elected to the inaugural class of the College of Fellows of the American Institute of Certified Planners.
ECONOMIC DEVELOPMENT

Industry Clusters and Technology Policy Development in Kentucky

Edward Fiser—PI. Funded by the Kentucky Science and Technology Corporation, this study will produce a comprehensive profile of Kentucky’s key manufacturing and non-manufacturing clusters and identify general technology actions supported by Kentucky business leaders and public officials. It utilizes a quantitative methodology originally developed for an analysis of North Carolina’s economy that has subsequently been used to investigate inter-industry relationships and trends in other regions and states both in the U.S. and Europe. The empirical work will be supplemented with a qualitative industry analysis tool designed to determine: 1) competitiveness across sectors as reported by regional businesses and leaders, and 2) potential policy actions and enabling infrastructure necessary to nurture targeted industry clusters. Dr. Fiser can be reached at (919) 962-4768 or via email at fiser@email.unc.edu.

HOUSING AND COMMUNITY DEVELOPMENT

The Impacts of State-Wide Inclusionary Land Use Laws on Supply and Distribution of Housing for Lower Income Households

Spencer Cowan and William Rohe—PIs. This project, funded by the United States Department of Housing and Urban Development, supports Spencer Cowan’s dissertation research. Spencer’s research focuses on the effectiveness of inclusionary land use statutes adopted in three southern New England states. The research will assess whether these laws have increased the supply of subsidized housing and reduced suburban exclusion. For more information contact Spencer Cowan at spencer2@email.unc.edu.

Evolving Challenges for CDCs: Causes and Impacts of Attrition, Downsizing and Reorientation

William M. Rohe—PI. This research project is being conducted with Dr. Rachel Bratt of Tufts University and is designed to identify and describe the factors involved in the attrition of community development corporations (CDCs) in the U.S. Attrition includes CDCs that have gone out of business, downsized, or merged with another organization. The research methods to be used include telephone and in-person interviews with local professionals with knowledge about the attrition of CDCs in their areas, the reasons behind that attrition, and the impact of the attrition on the communities served by these organizations. Phone surveys will be used to identify as many CDCs experiencing attrition as possible. Three day site visits will be made to 16 communities that have or had CDCs that went out of business, were downsized, or merged. Dr. Rohe can be reached by phone at (919) 962-3077 or via email at brohe@email.unc.edu.
Implementing Smart Growth Practices in North Carolina: Putting Knowledge into Action

David R. Godschalk & Chuck Bohl—Co-PIs. This project will focus on immersing policymakers and practitioners in a variety of smart growth tools and techniques through an intensive workshop and charrette involving the redevelopment of Durham’s South Square Shopping Mall. South Square Mall and the densely developed area surrounding the mall are faced with an imminent transition period, as the new and much larger South Point Mall is due to open within 18 months. To meet this challenge, the investigators for this project will team up with the Durham Area Designers, and major stakeholders from the community to organize a charrette to generate a new vision for the area, one based on the principles of smart growth. In order to share the lessons of this challenging infill project, and disseminate the techniques used in the redevelopment process with a larger audience, an integrated workshop program will be promoted to planners, developers, builders, transit officials, citizen groups, architects, policymakers and elected officials throughout North Carolina. In contrast to conventional conference programs, the workshops will be designed as hands-on interactive sessions led by national experts who will ground Smart Growth techniques in actual projects, neighborhoods and communities. Attendees will leave the workshops prepared to return to their communities and professions and implement the Smart Growth strategies and techniques used. For more information contact Dr. David Godschalk at (919) 962-5012 or via email at dgd@email.unc.edu or Chuck Bohl at (919) 962-7045 or via email at cbohl@email.unc.edu.
The following research projects have been completed and final reports are now available. These publications may be ordered from the Center for Urban and Regional Studies, Campus Box 3410, The University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3410. The cost of the publication is in parentheses next to the project title, which includes postage and handling. Please make payment by check or money order to the “Center for Urban and Regional Studies.” For orders to be mailed outside the United States, remittance must be in United States dollars payable on a United States bank.

**A Developmental Assessment of Community Policing in Rural Areas**

William Rose. PI. The North Carolina Governor’s Crime Commission, North Carolina Department of Crime Control and Public Safety funded this project. This study reviewed the obstacles and keys to developing effective community policing programs in rural areas. Based on the findings, the research team developed an effective practices manual that law enforcement agencies can use to design, implement, and evaluate community policing programs. Dr. Rose can be reached at (919) 962-3077 or via email at brose@unc.edu.

This report is available from the North Carolina Governor’s Crime Commission. Call the N.C. Department of Crime Control and Public Safety at (919) 733-4564.

**Demographic-Economic Specifications for State Industry Employment Projections ($10.00)**

Harvey Goldstein and Stuart Sweeney, Co-PIs. The Employment Security Commission of North Carolina funded this research project, which consists of two independent parts. The first involved enhancing the Long-Term Projection (LTP) to take into account the complexity of economic-demographic variable relationships, including the capacity to be linked with state econometric models. The second part consisted of writing a new industry employment projections reference monograph that is based upon the projection techniques incorporated in the LTP. For more information contact Dr. Goldstein at (919) 962-4767 or via email at hsgold@email.unc.edu.
Evaluation of Law Enforcement Domestic Violence Units in North Carolina: Helping Reduce Domestic Violence Through a Collaborative Response ($5.00)

ANNA WALLER-PI. This project was funded by the North Carolina Governor's Crime Commission, North Carolina Department of Crime Control and Public Safety. (See main article on page 1.) For more information contact Dr. Waller at (919) 966-5933 or via email at awaller@med.unc.edu.

For a copy of the Domestic Violence Units Effective Practices Handbook for Law Enforcement associated with this project, please contact the Governor’s Crime Commission at (919) 733-4564.

Smart Growth Starts With Smart Planning: Key Elements of Quality Local Development Plans ($15.00)

DR. EDWARD J. KAISER and DR. DAVID H. MOREAU, Co-PIs. This project, funded by the North Carolina Department of Commerce, Division of Community Assistance was designed to improve the capability of local governments to use land use planning to reduce surface water pollution, one of the specific purposes of the state’s Clean Water Management Trust Fund. The project included a mail survey of all 636 local governments in North Carolina, a content analysis of nearly 100 local land use plans, formulation of proposed land use/water quality planning guidelines for both state and local government agencies, and the design of a workshop for local officials. The research team worked closely with the North Carolina Division of Community Assistance and with an advisory committee representing state and local officials and other stakeholders. For more information contact Dr. Kaiser at (919) 962-4781 or via email at ekaiser@email.unc.edu or Dr. Moreau at (919) 962-4756 or via email at dmmoreau@email.unc.edu.

New Investment Strategies for the Inner Cities

EMIL MALITZIA, PI. This project was funded by the Lincoln Institute of Land Policy which organized a workshop bringing together groups interested in inner-city revitalization for the purpose of generating new investment strategies that promise to attract the private equity needed to capitalize urban redevelopment projects. Dr. Malizia can be reached at (919) 962-4759 or via email at malizia@email.unc.edu. (See article on page 6)