

January 1987

## A plan for planning Florida's capitol center

University of South Florida. Florida Center for Urban Design & Research

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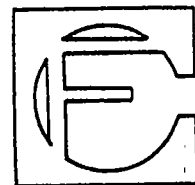
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# A PLAN FOR PLANNING FLORIDA'S CAPITOL CENTER

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a proposal for the  
CAPITOL CENTER PLANNING COMMISSION  
Tallahassee, Florida

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FLORIDA CENTER  
for Urban Design & Research

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100 W. Kennedy Blvd., Suite 310, Tampa, FL 33602

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CAPITOL CENTER PLANNING COMMISSION  
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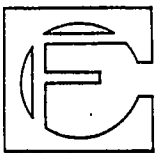
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for Urban Design & Research

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**FLORIDA CENTER  
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A Cooperative Public Service Institute of the University of South Florida  
in Association with: Florida A & M University • University of Florida • Florida State University

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Riverside Plaza, 100 W. Kennedy Boulevard, Suite 310, Tampa, Florida 33602 • (813) 974-4042

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April 17, 1987

Mr. George R. Langford, Chairman  
Capitol Center Planning Commission  
c/o State of Florida Department of  
General Services  
560 Larson Building  
Tallahassee, Florida 32399-0978

Sent via: Mr. Carl Morgan, Assistant Director  
Division of Facilities Management

Re: Proposal for "A Plan for Planning Florida's Capitol Center"

Dear Mr. Langford:

We were pleased to receive the recent request of Mr. Carl Morgan of the Florida Department of General Services for our proposal to assist the Capitol Center Planning Commission and DGS in defining a plan of work for updating the Capitol Center Comprehensive Development Plan. On behalf of FLORIDA CENTER for Urban Design and Research and the state universities with which we are affiliated, I want to express our appreciation for the opportunity to submit this proposal.

As you know by now, my colleagues and I share the obvious interests of your Planning Commission members in finding progressive and effective means of achieving excellence of planning, design, and public-private development in the Capitol Center District and the related central area of Tallahassee. I know that the Planning Commission under your guidance has recently reached out toward other concerned parties in local and state governments with a view toward creating a partnership for greater cooperative planning and development guidance. We stand ready to support the success of this effort, both with our time and with the successful experience we have had in similar partnership efforts in other U.S. downtown areas and governmental complexes.

Our proposal assumes that funds will be appropriated by the Legislature for the Comprehensive Development Plan update.

However, we believe it to be imperative that the limited funds available from this source be leveraged for a much greater public-private effort. The advisory services here proposed speak to the needs of cooperative organization and funding, as well as a comprehensive planning and design process.

Please be advised that the enclosed proposal is preliminary and must clear routine review in the University of South Florida's central research administration. I do not expect any reservations. If the Planning Commission members find that the proposal is responsive to the need, may I suggest that you authorize your DGS support staff to negotiate and approve an agreement prior to your next meeting?

I will be happy to submit any further information that may be needed. We look forward to working with you and your associates in this important effort.

Sincerely yours,

A handwritten signature in cursive script that reads "David Crane".

David A. Crane, FAIA, AICP  
Director

DAC:nh

Enclosure: (Draft) Proposal

## INTRODUCTION/GENERAL APPROACH

The FLORIDA CENTER for Urban Design and Research is pleased to respond here to a request for advice and assistance to the State of Florida Capitol Center Planning Commission and the Department of General Services (DGS). The requested assistance pertains to the preparation of a work program for updating the Comprehensive Development Plan within the Capitol Center District in Tallahassee, including guidelines and terms of reference for the selection and employment of qualified private planning and design consultants.

It is understood that a budgetary proposal for the Comprehensive Development Plan update in the amount of \$100,000 has been initiated in the Florida State Legislature. The services here described contemplate that such very welcome support from the Legislature would be substantially leveraged through a broad intergovernmental partnership and outreach to the private sector. Certainly, our extensive national experience with the design and funding of comprehensive center city action plans points to the need for such a broad-based effort and scope of funding.

Our proposal also addresses the real and perceived constraints of the Capitol Center Planning Commission's current legal charter, financial capabilities, and assigned geographic district vis a vis effectuating quality development guidance in the Capitol Center area. We believe that, sooner or later, each of these constraints must be reviewed on a professional/objective basis, i.e. with an eye toward enhancing the development guidance mission and implementation capacities of the Planning Commission or, alternatively, creation of an inter-governmental partnership entity in which the present capacities of the Planning Commission and several local government entities would be joined. We are pleased to note that members of the Planning Commission have already initiated the necessary intergovernmental dialogue to fashion a future cooperative framework for planning and development in Florida's Capitol Center.

As a public service institute engaged in bringing high quality urban design to the service of Florida's burgeoning cities, we are committed to assist in the recruitment of a highly distinguished private firm(s) to lead the design and planning work for the Capitol Center. However, we believe that such a consultant search at national levels will only lead to frustration without attention to urgent needs for cooperative funding and partnership organization along general lines suggested in this proposal.

It is in that spirit that we offer a rather broad-gauged program of advice and assistance during a 5- or 6-month period, this to commence immediately. Our proposed near-term services are intended to terminate with the actual execution of consulting agreements and launching of major efforts on the basis of multiple funding source

commitments. If the resources of the state universities can be helpful to the Planning Commission and DGS later on in this process, we will be pleased to consider that possibility at a time when our initial responsibilities have been fulfilled in an excellent manner.

#### PROPOSED WORK PLAN

A detailed description of the work plan is contained in the attached Exhibit (A): "Proposed Scope of Services". This is a draft version of language that could be appended to an agreement between DGS and University of South Florida (USF), which is FLORIDA CENTER's parent university.

The highlights of the work plan are offered here. The effort will be addressed in a 3-phase, participatory process engaging members of the Capitol Center Planning Commission in pro-active guidance and leadership support. The FLORIDA CENTER professional team would include senior university representatives based in Tallahassee, and the principals based in Tampa would commit substantial time for on-site investigations and meetings.

While this center's work would be clearly focussed on the professional assistance needs and interests of the Planning Commission, substantial emphasis is to be placed on defining a future planning and action process in which there will be cooperative participation from the City of Tallahassee, Leon County, related local development, planning and operating agencies, and other areas of Florida state government. Work in respect to these potential collaborative agencies will build on the early conversations that have been started in the so-called "Center City Committee".

The proposed work of the FLORIDA CENTER team has been organized in 4 tasks over the 3 phases, representing a period of 5 to 6 months. The purposes of these are briefly identified as follows:

#### Phase A (9-10 weeks)

Task 1.0: Assessment of Cooperative Planning and Development Opportunities and Goals. This preliminary activity is intended to establish a base of shared goals and coordinated priorities for the Comprehensive Development Plan update process and related implementation actions. It also addresses an inventory of basic planning information and identifies critical planning issues needing discussion and resolution. A key work program element will be FLORIDA CENTER's professional assistance in conducting a series of organized leadership workshops, which will be designed to find out what sort of intergovernmental and private-public partnership context can be fashioned as the new context for the Planning Commission's initiatives.

#### Phase B (8-10 weeks)

Task 2.0: Planning and Action Program Design. The FLORIDA CENTER will go on to design definitive work program, scheduling, and budget

on-site liaison for the FLORIDA CENTER with the client agencies and other Tallahassee groups. Mr. Martineau's growing involvements in the Tallahassee community and distinguished service in housing and community services research will be valuable to this effort.

- o Keith Howard Grey, Associate Professor of Architecture at FAMU, is a leading specialist in urban design and community planning in that school, and he has experience in environmental research efforts. He has recently assisted the Capitol Center Planning Commission in its studies of monument placement criteria.
- o Edward A. Fernald, Ph.D is Associate Vice-President for Academic Affairs at FSU and Director of FSU's Institute of Science and Public Affairs. He is therefore a centrally placed source of advice for tapping other university specialists for future planning program needs, if any. Dr. Fernald is an internationally-distinguished geographer; FSU's on-line land use data bank for computer-aided mapping of the Tallahassee central area may prove very useful to the contemplated major planning.

The detailed resume's of most of these key individuals are found in the Appendix. The total team will also include support services from graduate student interns employed by FLORIDA CENTER.

#### TIME AND COST PROPOSAL

The estimated levels of effort by this team in terms of different tasks and personnel are summarized in the accompanying Table 1. As indicated, there will be a substantial level of contributed time -- estimated at 20 person-days- in order to complete this broad effort at a reasonable cost to existing DGS funds. The estimated total of 27 days of reimbursable time of principals and senior specialists has been allocated on a priority basis to Tasks 1 and 2. The contributed time will be used to balance efforts across all tasks in the light of events as they occur, including the roles that other potential collaborating staffs might play. Including support personnel, a total of 42 person-days form the basis of this discounted cost proposal.

Estimated cash costs and contributed in-kind values for the proposed services and out-of-pocket expenses are shown in Table 2. These are presented in terms of FLORIDA CENTER's internal budgeting for a proposed fixed lump-sum contract agreement. As indicated, the proposed "bottom-line" cost to DGS is \$16,000, with travel and per diem expenses accounting for a sizable percentage of the total.



TABLE 1: ESTIMATED LEVELS OF PERSONNEL EFFORTS BY TASK  
(in person-days)

	Tasks/Billable Time				Total	Contributed Time (All Tasks)
	1.0	2.0	3.0	4.0		
o D. A. Crane, Director & Principal in-charge	3	3	1	1	8	7
o D. Bennett, Ass't Director & Co-Principal	3	1	2	2	8	7
o T. Martineau, Senior FAMU Representative	3	0.5	-	0.5	4	4
o K. Grey, FAMU Representative	3	0.5	-	0.5	4	2
o Dr. E. Fernald, Senior FSU Representative	1	1.5	-	0.5	3	-
Sub-total, Principals & Sr. Specialists:	13	6.5	3	4.5	27<1>	20
o Graduate Interns	6	4	-	-	10	-
o Secretarial/Clerical	(not separated by tasks)				5	-----
TOTAL PERSON-DAYS:	19	10.5	3	4.5	42	20

TABLE 2: ESTIMATED COSTS & IN-KIND CONTRIBUTIONS OF PROPOSED FLORIDA  
CENTER ADVISORY TEAM

Billable Professional/Technical Assistance:	
o Principals & senior specialists, 27 days	\$7,845 <1>
o Graduate Interns & secretarial/clerkal, 15 days	855
Sub-total, Personnel:	\$ 8,700
Travel & Per Diem Expenses (14 person-trips, Tampa-Tallahassee, incl. 6 over-nites)	\$ 3,000
Other Direct Project Expenses (incl. printing, photo- graphy, long-distance, postage & shipping)	385
Total Direct Project Cost	\$12,085
Indirect Costs (@ 32.4% USF off-campus rate)	3,915
TOTAL COSTS/FIXED LUMP SUM FEE:	\$16,000
Estimated In-Kind Contributions of Senior Professionals, 20 days at direct costs:	\$ 5,900

<1> Professors Bennett, Martineau, Grey and Fernald will function on  
faculty time overload in this project.

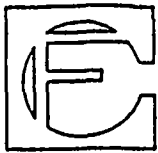
It is requested that a regular predetermined schedule of payments be followed, as follows:

a	Advance payment of 20% of the total fee at inception of the work	\$ 3,200
a	Five (5) monthly progress payments of 15% of the total (\$2,400 ea.)	12,000
a	Final payment of 5% upon satisfactory completion of all services	<u>800</u>
	<u>Total</u>	\$16,000

USF will submit monthly invoices and brief progress statements, which will be payable within at least twenty (20) working days.

#### CONCLUSION

In conclusion, principals of the FLORIDA CENTER for Urban Design & Research feel tremendously challenged by the opportunity to assist the Capitol Center Planning Commission and DGS. We pledge our best efforts and those of our colleagues in other Florida universities for the success of this significant undertaking.



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## **FLORIDA CENTER for Urban Design & Research**

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Riverside Plaza, 100 W. Kennedy Boulevard, Suite 310, Tampa, Florida 33602 • (813) 974-4042

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### **INTRODUCTION TO THE FLORIDA CENTER**

The FLORIDA CENTER for Urban Design & Research was recently established in Tampa, FL by authority of the Board of Regents of the State University System of Florida and with participation commitments of the specific universities listed above plus the design and planning professions. The FLORIDA CENTER will conduct varied public services, applied research, and professional education activities relating to issues of urban growth and change and the quality of related planning, design and development processes. The center will serve the varied needs of public and private clients and professional groups concerned with development in Florida cities and communities, as well as address urban development issues of national and international significance within and beyond the State's boundaries.

This initiative has come about as a result of years of cooperative effort on the part of leaders of the Tampa Bay region architectural profession and the University of South Florida administration to bring improved professional education resources to focus on this area's dynamic urban growth context. A new graduate first professional degree program in architecture at the University of South Florida (USF) began classes in September 1986. The program is a cooperative venture of USF with the School of Architecture of Florida A&M University (FAMU), which confers the degree. Planned expansion with FAMU's advice and assistance is expected to result in a fully-accredited USF degree program within five years.

FLORIDA CENTER will provide a related and parallel "real world" learning and problem-solving environment in which architecture faculty and graduate students will be matched up with many other potential collaborators within the four cooperating universities at Tampa, Gainesville and Tallahassee. These multi-disciplinary operations will have a primary mission of supporting professional education (including continuing education) in architecture, urban design, landscape architecture, and urban and regional planning; however, other relationships will be established with varied departments and fields of engineering, natural science, social/behavioral sciences and services, public administration, business, law and others. The FLORIDA CENTER will respond flexibly to varied clients/projects needs and situations with appropriate consulting and research teams composed of faculty members, mature graduate students, capable private consultants, and its own coordinating staff. The small full-time Core Staff will guarantee continuity and objective professional response to client needs.

## The Agenda for Public Service and Research

The FLORIDA CENTER is entering into a scene of great pressure for change in local city-building policies and practices within the state of Florida. On one hand, urban areas like the Tampa Bay region are witnessing a multiplicity of large-scale development projects which is unmatched anywhere in the U.S. On the other hand, the State of Florida has been leading the nation in enacting strong planning and regulatory legislation pertaining to the urban built and natural environments.

However, there are severe problems of local government capacity for growth management of such major scope; more effective methods of public planning and investment in combination with mechanisms for efficient, fair review and approval of private development are urgently needed. The need of both the public and private development sector for objective/creative professional service with regard to the growth management agenda are seen as a major opportunity for FLORIDA CENTER. The organization will work to expand public-private partnership approaches to local development.

The growth management agenda is broad, and FLORIDA CENTER is only one among several institutes within the State University System that are available to assist government and the private sector. What distinguishes FLORIDA CENTER is its mission of supporting urban design and architectural values as key goals of the growth process. The FLORIDA CENTER will seek out opportunities for inter-related design and policy innovation in highly varied contexts of location, market, and public-private investment processes. Among the design and policy issues presently foreseen as major emphases for the center's work program are the following:

- Downtown preservation and revitalization, including both central business district action plans and in-town housing and neighborhoods improvement. Historic preservation and adaptive re-use of older buildings and districts will be a key part of this task.
- Waterfront/beachfront reclamation, beautification and environmental protection, including both the in-town and resort area watersides which are such important resources in this State's tourism economy.
- Large-scale residential and mixed-use development at the urban fringe, as well as urban infill and consolidation strategies where innovative planning and financing of public improvements must accompany efforts to assure the quality of private development. New design and projects delivery system relationships between private developers and local government will be an emphasis of this task.
- Coordination of the planning and design of major transportation systems, such as highways or the proposed Florida "bullet train," with appropriate patterns and phasing of urban development. The relationship of land use and private property values generated by major transportation to the issues of providing and financing high quality public services and facilities will be explored.

- ° Multi-faceted design criteria and procedures for accomplishment of appropriate high quality public construction, including buildings, parks and recreation facilities, streets and pedestrian ways, and public environments for pedestrians and controlled vehicular traffic in high activity places. This task will seek new relationships between the various design professions, the fine arts, and public design and construction procurement processes.
- ° Innovations of housing design, technology, and delivery systems in order to serve groups not able to find affordable or appropriate units in the current market offerings. This task will respond to the diminishing involvement of the federal government in housing finance assistance, as well as positively emphasizing quality social settings and design solutions in terms of the climate and cultural traditions of Florida and the Caribbean basin countries.

### Operating Structure and Start-up Conditions

The FLORIDA CENTER will operate under a distinguished policy board representing the cooperating universities, design and planning professions, private development and business sector, community/civic interests, and the governmental sector. While the Florida Legislature and State University System have committed essential operating budget support for the start-up years, other sources must be pursued for the primary long-term support. These will include contracts/grants revenues for services rendered, as well as private charitable gifts and endowments.

David A. Crane, FAIA, AICP, was recently appointed as the Director of Florida Center and as Professor of Architecture in the new USF/FAMU Cooperative Program after an extensive national search process. Mr. Crane has an international reputation as an urban design and planning practitioner and educator; he brings the specific experience of having created a successful public service and research corporation of similar character during his 1972-77 service as Rice University's Dean of Architecture.

Additional Core Staff members are on hand, and others are in the selection process.

The FLORIDA CENTER has occupied centrally-located offices in downtown Tampa. For further information, contact Mr. Crane or Mr. Picot Floyd, Acting Administrator, at the following address:

FLORIDA CENTER  
for Urban Design and Research  
Riverside Plaza  
100 West Kennedy Boulevard, Suite 310  
Tampa, FL 33602  
(813) 974-4042  
-4043

F/8609/110

# EDITORIALS

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## Urban Design Center Holds Unusual Promise

**I**f ever there was a timely match between the state's needs and those of its university students, the new Florida Center for Urban Design and Research is it.

The center was created by the Board of Regents and the Legislature to provide an opportunity for semester-long internships in a real-life urban setting to students from architecture, urban design and urban planning programs at four state universities.

But the center's appeal is much more than academic. It also holds promise to benefit the state as a whole because the center will focus on Florida's need to manage its staggering growth, particularly in our cities. The center's major areas of emphasis will be transportation, large-scale residential development, downtown revitalization in both business and residential districts, waterfront reclamation and beautification, innovations in low-cost housing and improving local government activity in designing public buildings, developing parks and recreation facilities, and bettering the public environment for pedestrians.

The students — who will come from Florida State University, the University of Florida, the University of South Florida and Florida A&M University — will benefit greatly from the hands-on experience in an urban setting.

So too may the state-of-the-art of urban planning in Florida. A nationwide search for a director for the center landed David Crane, who started the nation's first formal graduate training program in urban design at the University of Pennsylvania and later began one of the first U.S. consulting firms specializing in urban design. Crane also was chief architect-planner

during Boston's massive redevelopment project in the 1960s. And as Rice University's first dean of architecture, Crane developed a program strong enough to be rated among the top 10 in the nation after just five years.

But Tampa could benefit the most of all from this new center because it will be situated here — downtown, to be specific. And many of the projects the center and its students undertake are expected to directly benefit our city.

It's an exciting proposition. We look forward to its start-up in January. And we hope its forecast is correct — that the center will one day make contributions to urban planning and design that help other states and nations as well.

We offer, however, one note of caution. There are stacks and stacks of plans and studies and surveys on the shelves in Tampa's City Hall. Many of them have done little more than collect dust since their completion because they made no dramatic contribution to the better understanding of a problem and, even more crucially, to proposing a sound solution. Similar stacks exist in many other city halls, county courthouses, state capitals and federal agencies.

It is imperative that the work undertaken by the Florida Urban Design and Research Center will do more than add to the stacks. One reason we believe it will is that the center will need more than state funding to thrive. And the best way to attract donations and grants and important assignments is to produce concrete results. In a state overwhelmed by its own popularity — and thus by a constant flood of newcomers — concrete results are exactly what is needed in the field of urban development.

# Center Sets Sights On Urban Design

By CAROLINE SHERMAN  
Staff Writer for Tampa Bay Business

## TAMPA

**D**avid Crane is a man with a mission.

As head of the new Florida Center for Urban Design and Research, he will lead the charge throughout the Bay Area and beyond on urban design and planning as an integral part of growth management.

The center, a cooperative public service institute of the University of South Florida, three other state schools and the local architectural community, will address issues of growth, change and the quality of related planning, design

Egypt, and has held academic positions at the Massachusetts Institute of Technology, the University of Pennsylvania and Rice University.

The Sadat City project, working to reduce crowded conditions in Cairo, gave Crane an appreciation of one of Florida's pressing problems. "Building a city in the desert gives you a feel for the importance of water."

While dean of architecture at Houston's Rice University from 1972 to 1977, Crane established a successful prototype urban research and design center to help the Houston area solve problems related to its runaway growth of the 70s.

"I was naturally interested when I heard about the Florida Center. I helped create the term (urban design) in the mid-to-late 50s," Crane continues. At that time he was teaching architecture and coordinating the graduate program in urban design at the University of Pennsylvania. He also was involved in urban design education at Harvard and MIT. Back then, says Crane, architects were content to design buildings and relegate urban planning to the social scientists.

No ivory tower academician, Crane expects to see the center get involved in issues such as downtown preservation and revitalization, waterfront/beachfront



**'So few American cities have a deep and long-lasting commitment to urban design...so I've made my career going where the action is.'**

—DAVID CRANE, Florida Center for Urban Design and Research

and development.

USF's partners in the venture, established by the Florida Board of Regents and funded for a startup period by the Legislature, are Florida State University, Florida A&M University and the University of Florida. The center will serve as a companion to the new master of

reclamation, beautification and protection, residential and mixed-use development at the urban fringe, and coordination of planning and design of major transportation systems such as the proposed bullet train.

The most pressing challenge of all in Florida, he says, is to find how to implement what the Legislature has created, i.e. growth management, make it workable and effective at the local level, and in the process get some quality-designed construction.

The plain-spoken administrator says he believes developers who are willing to fit their designs into the public's growth management plan should be speeded through the development of regional impact process. "But," Crane says, "if a developer presents 'schlocky' architecture and seeks to use political patronage and (offer) poor quality...he should be given as much trouble (with the DRI process) as possible."

A better balance between the public and private sector on how to pay for growth management is a must, Crane emphasizes. An admirer of the legislation of Gov. Bob Graham's administration, he says there's no other like it in the United States.

architecture program at USF. Graduate students and faculty members will have the chance to address "real-world" challenges and opportunities by working on planning and consulting contracts from private and public sector clients. In return, those clients, especially small municipalities, will be able to afford professional

"We'll do research/public sector studies," Crane says, "in a context where we can do a job that a private consultant couldn't afford to do. We will try to develop new opportunities for new methods of meshing the public and the private sector in growth management."

But whatever the center does, it won't compete with private industry, emphasizes Tampa architect Joe Chillura, one of the driving forces behind the Board of Regents' approval of the center. The staff won't take construction design assignments.

Chillura and others in the local architectural community are excited about the center's impact on local business.

"No doubt it will affect the business community in a very positive way because planning is a necessary part of our survival," says Chillura. Groups like the Tampa Parkway Association and the Westshore Development Association will see it as a planning resource, and the business community will benefit from its unbiased work, he predicts.

"I have no quarrel with private consultants and planners," states Chillura, "but sometimes they're caught up in political considerations because they're

and unbiased studies.

"The state university system has made a bold commitment for planning and growth management," says Crane, who was lured to the Bay Area from Boston, where he headed his own architectural consulting firm.

"So few American cities have a deep and long-lasting commitment to urban design and problem solving, so I've made my career going where the action is," he adds.

Crane has a track record that attests to this. In addition to an impressive background as a practicing architect and consultant in Boston, New York, Houston and Philadelphia, Crane headed the Sadat City Development Group in Cairo,

working for the government. The center will be very objective and produce information that's non-political and pragmatic."

Although the Legislature has funded the center for its startup years, the expectation is it will pay its own way with contracts and grants as well as charitable contributions. "If we can get all three legs of our financial stool in place, we'll be able to serve the public," comments Crane.

As is appropriate for an entity providing urban design services, the new center is downtown rather than at the USF campus in Northeast Hillsborough County. The office, where Crane and acting administrator Picot Floyd are still in the unpacking stage, is in the heart of downtown Tampa at Riverside Plaza, Kennedy Boulevard and Ashley Drive. □

TAMPA BAY BUSINESS/Dec. 14-20, 1986



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**DAVID A. CRANE, FAIA, AICP, DIRECTOR: CAREER SYNOPSIS**

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Development of the FLORIDA CENTER for Urban Design & Research began in the Fall of 1986 with the appointment of David A. Crane, FAIA, AICP as its first Director. Mr. Crane also serves as Professor of Architecture in the new graduate degree program being created at the University of South Florida with the advice and assistance of the Florida A & M University School of Architecture.

To these challenging enterprises Mr. Crane brings distinctive achievements in the areas of private design and planning practice, public service, and architectural and urban planning education. He received international recognition in the early '60's, both for his original publications and teaching on modern theories and practice of urban design, and for his work as the chief architect-planner for Boston's extraordinary redevelopment programs under the Collins-Logue reform administration.

He went on, in Philadelphia, to start one of the first U. S. consulting firms focussed on urban design. This firm, which was active 1965-79 and eventually became a corporate partnership identified as David A. Crane and Partners, charted new ground for the involvements of U.S. architects in large-scale urban environment issues, such as: manufactured housing technology; transportation design; historic areas and natural environment conservation; comprehensive residential revitalization; and new towns and multi-use development. The firm received numerous national and regional awards for design and planning excellence.

Mr. Crane's innovations in practice were reinforced by his parallel educational activities in four leading universities. At the University of Pennsylvania (1957-61 and 1965-72) he led in the development of the nation's first formal graduate training in urban design. During his tenure as Rice University's Dean of Architecture (1972-77) that school was ranked among the top ten U.S. schools. Also active in public affairs, he marshalled private business and civic support for the establishment of the Rice Center for Community Design and Research, Rice Design Alliance and other successful organizations which grew to be significant forces in raising Houston's planning and design quality awareness.

Involvement in Third World urban problems has been an important counter-point to Mr. Crane's professional work in the U.S. An international outlook was gained from his childhood in Africa. Experience gained both in his early employment in New York and in his own firm's



projects covers a number of developing countries of Africa, Middle East, Asia, and Latin America. While in Houston he assisted his firm's master planning for Sadat City, a new city in the Egyptian desert to provide jobs and housing for 500,000 people. In 1978-79 he directed the first phase of Sadat City development and construction through an international joint venture office in Cairo, and he participated in other real estate development for Middle East clients.

Advancing state-of-the-art strategies for implementing urban design and economic development projects has been another important overall theme of Mr. Crane's career. In advisory roles to the U.S. Department of Housing and Urban Development, as well as in major projects in the '70's for American "Sunbelt" cities, he contributed to the emerging "public-private partnerships" techniques of development organization, co-financing, and other private enterprise incentives.

These interests were carried forward in Boston after 1979 with a practice that fully integrated design activity with urban policy/management planning and development packaging services. The completed work generated permanent corporations and investment capacities to carry out partnership development in such programs as: comprehensive downtown CBD revitalization; close-in neighborhood and housing action programs; touristic/multi-use redevelopment; and business/industrial park redevelopment. Mr. Crane's plans for Winston-Salem, N. C. during 1983-84, which included a county-wide economic development and growth management strategy and the 1984-95 Central Area Action Plan are being implemented now with notable success.

Through his present engagement with FLORIDA CENTER, David Crane is pursuing similarly challenging projects in Florida's dynamic urban growth scene, as well as other activities of international scope.

DAVID A. CRANE, FAIA, AICP: RESUME

PRESENT  
POSITION

DIRECTOR, FLORIDA CENTER for Urban Design & Research,  
Riverside Plaza, 100 W. Kennedy Blvd., Suite 310,  
Tampa, Florida 33602

Professor of Architecture, Master of Architecture  
Program at the University of South Florida, Tampa,  
FL.

PREVIOUS  
PROFESSIONAL  
POSITIONS

Principal, Crane Consulting Group, Boston, MA. (1984-  
86).

President, CBT/Crane Associates of Boston, MA., a corp-  
orate joint venture for practice in planning, urban  
design and development services; and President of its  
predecessor firm, Crane Associates, Inc., also of  
Boston (1980-84).

Director, Sadat City Development Group, Cairo, Egypt  
(1978-79). An office of 125 professionals from the  
international consortium of: David A. Crane and Part-  
ners of Philadelphia; Marcel Breuer Associates,  
Architects of New York City; Parsons Brinckerhoff  
International, Inc., Engineers, of New York; and  
Sabbour Associates, Architects and Engineers of Cairo.

Senior Partner and Chairman, David A. Crane Partners/-  
DACP, Inc., of Philadelphia; Houston and Boston (1974-  
79). Principal of predecessor Crane firms in Phila-  
delphia, PA (1965-74).

Planning Administrator and Director of Design Boston  
Redevelopment Authority, Boston, MA (1961-65).

Free-lance urban design and site planning consultant  
at Philadelphia, PA (1958-61).

Architectural designer, site planner, and project coor-  
dinator in Cambridge, Massachusetts architectural  
firms, including: Carl Koch Associates; and D. R.  
McMullin and Associates (1955-57).

Architectural designer, site planner and project coor-  
dinator in New York City architectural and planning  
firms, including: IBEC Housing Corporation; Marcel

Breuer, Architect; Jose Luis Sert and P. L. Weiner (Town Planning Associates); and Mayer, Whittlessey, and Glass, Architects (1952-55).

Assistant Director for Urban Redevelopment, Housing Authority of the City of Tampa, Florida (1951).

Other temporary special advisor and task force roles, including:

- o Senior Advisor to Community Planning and Development Division, U.S. Dept. of HUD for the UDAG Program and related private urban reinvestment initiatives (1977). Senior Advisor to Office of Public Partnerships at HUD (1979-80).
- o Member of independent task force to evaluate and re-define planning, public works design, and redevelopment programs for City of New York administration of Mayor John V. Lindsay (1966-67).
- o Member of independent task force to evaluate programs of the Puerto Rico Planning Board (1963).

#### PREVIOUS ACADEMIC POSITIONS

Dean of Architecture and Distinguished Professor of Architecture, Rice University, Houston, Texas (1972-77).

Founding Chairman of the Board and President, Rice Center for Community Design and Research, Houston, Texas (1973-77).

Professor of Architecture and Urban Design, and previously Associate Professor and Chairman of the Graduate Program in Urban Design, all at Graduate School of Fine Arts, University of Pennsylvania (1965-72)

Assistant Professor of Architecture and Planning, University of Pennsylvania, Coordinator of Pennsylvania's Graduate Program in Urban Design (1957-61).

Visiting professorships in architecture and urban design, including: Harvard Graduate School of Design (1957 and 1970); University of Capetown and University of Witwaterstrand (1965).

Research Assistant and Coordinator of "Form of the City Project," School of Architecture and Planning, MIT (1955-56), resulting in Kevin A. Lynch's Image of the City.

## HONORS AND AWARDS

Recipient to Tau Beta Pi's "Young Engineer of the Year" citation (1950) and its competitive national fellowship award for graduate studies at Harvard, as well as numerous collegiate honors for academic, leadership and professional performance.

Italian Government Travelling Fellow in Architecture and Town Planning (1954-55), for studies of European townscapes.

Design Awards: NEA/USDOT Design for Transportation Award, 1982, for Charleston Visitors Reception and Transportation Center. Progressive Architecture Awards Program, 1969, 1970; Philadelphia AIA Awards Program, 1969, 1970; Texas Society of Architects Awards Program, 1974. Honorable Mention (with Mitchell and Giurgola, Architects), Franklin D. Roosevelt Memorial Competition, 1960.

Exhibitions: Fort Lincoln New Town Plan, Corcoran Gallery, Washington, D.C. (1969); Radisson New Town Plan, in exhibit of New York State Urban Development Corporation Projects, Whitney Museum, New York (1972).

Past listings in Who's Who in America, Who's Who in the East, etc.

## PERSONAL

Born of missionary parents and early schooling in the Belgian Congo (now Republic of Zaire).

World War II service in U.S. Navy, Pacific Theatre.

Married Bonnie B. Loyd of Jacksonville, FL and San Antonio, TX, present owner/Director of Crane Collection Gallery of American Painting, Boston, MA.

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## APPENDIX

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## EXHIBIT (A): PROPOSED SCOPE OF SERVICES

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On behalf of the CAPITOL CENTER PLANNING COMMISSION, hereinafter referred to as "COMMISSION", and the STATE OF FLORIDA DEPARTMENT OF GENERAL SERVICES, hereinafter referred to as "DGS", the FLORIDA CENTER for Urban Design and Research, hereinafter referred to as "CENTER", will conduct a program of preliminary professional assessments and advisory services to support the launching of an appropriate/effective work program for updating the Comprehensive Development Plan of the Capitol Center District. Terms of reference will be provided for the selection and employment of appropriate private consultants in the later master planning and design efforts.

These advisory services will be both action-oriented in the near term and look to alternative futures for the Capitol Center and the closely related central areas of Tallahassee. The work will pay close heed to opportunities and mechanisms for enhancing the COMMISSION's capacity to both plan and implement cooperative development with local and state government agencies and the private sector. Achievement of a higher plane of public awareness and commitment to goals for a superior quality of development and preservation in Florida's capital city will be a key guidepost for the planning and action process to be identified.

This work will consist of four distinct tasks, which are to be performed in three main phases keyed to the COMMISSION's opportunities for policy review and decisions. These are:

### PHASE A

Task 1.0: Assessment of Cooperative Planning & Development Opportunities & Goals.

### PHASE B

Task 2.0: Planning & Action Program Design.

Task 3.0: Assistance for Pre-Qualification of Planning & Design Consultants.

### PHASE C

Task 4.0: Planning & Action Program Mobilization Assistance.

Description of the work to be performed in these tasks follows.

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### PHASE A

TASK 1.0: ASSESSMENT OF COOPERATIVE PLANNING & DEVELOPMENT OPPORTUNITIES & GOALS. The purposes of this task are to establish a context of center-city planning and development information, issues, and goals and to explore the opportunities and constraints for

the COMMISSION to undertake its future comprehensive development planning initiative within a cooperative inter-agency, public-private partnership framework. All other tasks and phases of the CENTER's services will be guided by results of this exploratory work. Sub-tasks will include the following:

Sub-Task 1.1: Existing Plans, Projects & Data Review. The CENTER will identify and review a wide range of existing/available information pertaining to planning and development within and near the Capitol Center District, including: the prior Comprehensive Development Plan material for the Capitol Center District; other prior and current comprehensive, functional, and project plans and action programs of multiple public and private bodies; completed and current work on data and mapping resources (e.g., computerized land use mapping resources at FSU); etc. Interviews with directly concerned professionals in the different public and private agencies will be conducted, as well as general field observations of existing visual, physical and functional conditions in the center city areas. The work in progress by DGS consultants, The Architects Collaborative, on the state properties master plan revision and DRI report will be reviewed for its relevance to and coordination with the future plan process.

Based on these investigations and looking to the agenda of proposed planning/goals workshops (see Sub-task 1.3), the CENTER will prepare preliminary assessments as follows:

- o Evaluation of existing information sources and current efforts against the needs of the proposed plan process.
- o Identification of evident planning conflicts, inter-agency coordinatig gaps, and critical issues, including matters to be addressed in the future planning and other mattters requiring immediate discussion and resolution prior to undertaking the proposed plan process.

These assessments will be presented orally in appropriate meetings/workshops, along with informal written outlines and map materials.

Sub-Task 1.2: Identification of Cooperative Resources/Constraints. An overview inventory of local and state government organizational influences, current and potential, on center city planning and development will be assembled via discussions with key administrators and review of information provided by them. At the state government level contacts will be initiated with agencies having relevant center city facilities and planned projects (e.g., DGS, DOT, DOE, etc.), as well as agencies with potential funding resources for cooperative planning and design (e.g., DCA, Division of Cultural Affairs, etc.) Contacts with top administrators of the City of Tallahassee and Leon County, as well as program directors in the affiliated agencies (e.g., Downtown Improvement Authority, Tallahassee Civic Center Authority, City-County Planning, etc.), will seek to establish relevant information on current organization roles, programs, legal development powers, professional staff, and financial resources and needs. Based on this review, the CENTER will prepare a brief oral and written outline of

cooperative planning and development opportunities/constraints for broader discussion in the workshops context.

Sub-Task 1.3: Center City Planning Workshops. The CENTER will provide professional guidance and support for an organized program of leadership workshops. It is assumed this program would be an extension of discussions recently undertaken in a "Center City Committee" involving representatives of the COMMISSION, Office of the Governor, Tallahassee and Leon County governing boards and local planning/development agencies. The COMMISSION is expected to be a key co-sponsor of the planning workshop program (i.e. along with other agencies to be determined), and it will seek advice from the CENTER on desirable interest group participation, structure, meeting format, topical themes and schedules for individual workshops. The workshops will address critical issues and seek to establish common goals and principles of participation and support for the future planning and action process. The CENTER will suggest ways in which individual members of the COMMISSION can participate in preparations for and leadership of different workshops.

This program will be initiated in Phase A with approximately three (3) workshop sessions, each session being related to several coordinated themes. Illustrative topics to be considered for inclusion include the following: transportation and parking; agency jurisdictional boundaries; land use and development controls; urban design and amenities; state facilities development policy; close-in neighborhoods and housing quality; marketing and private development; plan process organization/funding support, etc. Additional workshops could be undertaken in Phases B and C to receive and respond to specific planning and action program proposals.

Sub-Task 1.4: Conclusions and Recommendations. Based on the activities in earlier Phase A sub-tasks, the CENTER will prepare and submit its independent professional conclusions and recommendations to the COMMISSION concerning directions for the comprehensive development plan update process and the further Phases B and C steps for work program definition. This submission will assist the COMMISSION to define internal policy guidelines for its own further planning initiatives for the Capitol Center District and its future degree of reliance on cooperative activity and resources from other public agencies and the private sector. Boundaries and methods for coordinated planning, if any is foreseen, will be identified. A brief memorandum, including reference map material, will be submitted for COMMISSION review and comment.

## PHASE B

TASK 2.0: PLANNING & ACTION PROGRAM DESIGN. Building on the outcomes defined in Task 1/Phase A for geographic area, inter-agency participation, and common issues and goals, an appropriate work program schedule and budget for the Comprehensive Development Plan, including implementation action program elements, will be prepared. The purpose of this task is to both set the stage for commissioning professional staff and consultant efforts and to identify effective participatory structure and process for policy review and plan implementation commitments.



Sub-Task 2.1: Planning and Design Work Program. The CENTER will evaluate in detail an appropriate scope and scheduling of work to be performed for the Comprehensive Development Plan within the area previously recommended to and approved by the COMMISSION. The elements of work to be considered will generally conform to the best national standards of comprehensive development plans and implementation action programs for center city conditions, including work components for a full complement of professional disciplines in such fields as: urban design/planning, architecture and landscape architecture; transportation planning; civil engineering; market analysis and financial planning; and other potential advisory specialists in public facilities and space planning, historic preservation, zoning innovations, environmental impact mitigation, housing, etc.

It is assumed that the CENTER will have access to a working committee of professionals in other local public agencies with whom needs and opportunities for staff - and cost-sharing for the professional work program can be considered. The CENTER will use input from these potential collaborators as a basis for recommending a plan of work assignments to outside private consultants of national stature, which are to be competitively selected, and other appropriate professional support groups in the public agencies at Tallahassee and the state universities affiliated with the CENTER; the varied benefits of high quality expertise, continuity of local staff involvement in planning and implementation phases, and overall economy of time and cost will be pursued in this work allocation.

The CENTER will consider work program elements that speak both to the need for long-range/comprehensive development guidelines and to an action-oriented agenda of specific public and private improvement projects. The projects to be considered will include priority projects in the DGS "pipeline", Tallahassee Civic Center mixed-use development, and other pilot efforts for development via public-private partnership investment techniques. The CENTER will identify the priority projects objectives and describe specific levels of needed professional effort for concept design, economic feasibility, preparation of development procurement guidelines, and/or other project-specific tasks.

The CENTER's planning and design work program approach will be informally outlined and discussed with representatives of the COMMISSION prior to its finalization in Sub-Task 2.3 below.

Sub-Task 2.2: Planning and Action Program Structure and Funding Evaluation. The CENTER will provide professional advice and assistance to enable the COMMISSION to take a pro-active stance in seeking adequate funding and effective organization capacities for cooperative planning and implementation.

In the area of funding, the CENTER will develop estimates of cash and in-kind staff requirements to complete the planning and design work program identified in Sub-Task 2.1; it will also identify general categories of anticipated capital investment and define methods and responsibilities for estimating amounts, sources and uses of capital funds during the major planning effort. Preliminary goals for

planning phase cost-sharing and funding will be proposed for the COMMISSION's review. It is assumed that a COMMISSION Task Force on Public-Private Funding will be established (i.e., prior to the commencement of Phase B) to explore alternative sources for cooperative funding; the CENTER will provide advice and technical assistance for the overtures of this task force, coordinating as necessary with staffs of DGS and other agencies.

In the area of organization planning, the CENTER's effort will emphasize the definition of effective temporary structure and processes for planning phase policy review, public input, and steering of plan proposals for official endorsements and implementation enabling action by appropriate public bodies. At the same time, the CENTER will consider potential modifications of permanent structure and legal operating mandates (i.e., for the COMMISSION and/or other bodies) to reflect the needs of cooperative/partnership planning and development implementation (i.e., as determined by the COMMISSION during Task 1/Phase A). It is assumed that a COMMISSION Task Force on Organization will be established to work with the CENTER on this element. In consultation with legal advisers at the state and local government levels, preliminary structure options to be considered in the future will be identified. The CENTER will use such options as a basis for recommending later in-depth studies of permanent organization/investment structure, feasibility testing, and legal/financial instrumentation.

Sub-Task 2.3: Synthesis/"Capitol Center Plan for Planning" The CENTER will offer a progress report on its joint efforts with other parties on Sub-Tasks 2.1 and 2.2 to the full COMMISSION and, if approved by the COMMISSION, to a broader leadership group in a workshop format. Based on reviews and comments received, a synthesis of conclusions and recommendations will be submitted via an illustrated working memorandum. This memorandum, identified here as the "Capitol Center Plan for Planning", will serve as a manual for use of concerned leaders and agency heads for selection and contracting of consultants, work assignments and schedules, budget allocations, and establishment of planning phase leadership and participatory review mechanisms. A camera-ready original and several copies will be provided, with multiple copy duplication by DGS.

TASK 3.0: ASSISTANCE FOR PREQUALIFICATION OF PLANNING & DESIGN CONSULTANTS. The purpose of this task is to advise and support the COMMISSION, DGS and other cooperating agencies (i.e., by then identified, if any) in the preliminary phase of a national search for qualified private consultants to assist in the comprehensive development plan. The following sub-tasks will be performed:

Sub-Task 3.1: Selection Procedure Recommendations. Based upon the work programming effort in Sub-Task 2.1, the CENTER will prepare recommendations on private consultant team composition and qualifications, selection procedure and criteria, and overall scheduling of selection and contract agreement steps. It is anticipated that the selection procedure will involve pre-qualification and short-listing of firms/teams on the basis of submitted written credentials in Phase B, with other Phase C selection

steps as described below in Sub-Task 4.1. These procedural recommendations will be developed in consultation with DGS and a COMMISSION Task Force on Consultant Selection and Negotiations; other cooperating agencies could be involved in this Task Force.

Sub-Task 3.2: RFQ Preparation and Review Assistance. The CENTER will prepare a recommended draft version of a "Request for Qualifications and Statement of Interest" for use by the COMMISSION and DGS in the national solicitation of private firm/team submittals. The document will define needed firm and individual qualifications, selection procedure and criteria, submittal format, and supporting documentation. This will be reviewed by the COMMISSION Task Force and finalized by DGS; national advertising and administration of the RFQ process will be by DGS.

The CENTER's personnel will participate as advisers to the COMMISSION Task Force and DGS in the subsequent review of submittals and short-listing of firms/teams to be considered in greater depth during Phase C.

## PHASE C

TASK 4.0: PLANNING & ACTION PROGRAM MOBILIZATION ASSISTANCE. The purposes of this task are to assist in additional steps for selection of qualified private consultants, participate in professional work program initiation and coordinating efforts, and advise the COMMISSION and others in their establishment of suitable structure for planning phase policy review and action steering. The component sub-tasks will include the following:

Sub-Task 4.1: Continuing Assistance for Consultant Selection and Proposals Review. The CENTER's senior personnel will offer continuing advisory and review services for the following potential steps for employment of an appropriate consultant firm/team: participation in short-listed firms/teams interview and identification of a preferred group; preparation of terms of reference for detailed consultant team work and cost proposal; and review of such proposal.

Sub-Task 4.2: Assistance for Overall Work Program Initiation. The CENTER will also provide interpretations and refinements of the provisions of the "Capitol Center Plan for Planning" guidelines as needed for effective technical coordination, scheduling, staffing, and budgeting of cooperative staff and consultant team efforts. To the extent that there will be on-going need and opportunity for the CENTER to provide professional representation of the COMMISSION's interests and/or offer university-based faculty and graduate interns support to the selected consultants, an appropriate plan of work and agreement will be offered for review and approval at this phase.

Sub-Task 4.3: Additional Advisory Services On Request. The CENTER's expertise and advisory assistance will be available for additional needs of the COMMISSION and DGS during the mobilization of the planning process. Examples of potential areas of advice to be requested include: plan phase structure formation and operating procedure; the public communications and input process; and

professional support for COMMISSION's initiatives regarding public-private funding.

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EXHIBIT (B): FLORIDA CENTER BACKGROUND & KEY PERSONNEL  
RESUMES

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Introduction to the FLORIDA CENTER for Urban Design & Research

Press Notices: Tampa Tribune & Tampa Bay Business

Key Personnel Materials:

- o David A. Crane, FAIA, AICP, Principal-in-Charge
- o Daniel Bennett, Assistant Director & Co-Principal-in-Charge
- o Thomas Martineau, Sr. FAMU School of Architecture Representative
- o Keith Gray, FAMU School of Architecture Representative
- o Dr. Edward A. Fernald, Senior FSU Representative

## EDUCATION

Davidson College, Liberal Arts (1943-44, 46-47).

Georgia Institute of Technology, Bachelor of Science,  
Bachelor of Architecture (1950).

Harvard University Graduate School of Design, Master  
of City Planning (1952).

## PROFESSIONAL QUALIFICATIONS

National Council of Architectural Registration Boards,  
Certificate No. 11,706.

Currently, Registered Architect in Massachusetts and  
Pennsylvania.

## MEMBERSHIPS & PROFESSIONAL SERVICES

Fellow of the American Institute of Architects, former  
Director, Philadelphia Chapter, AIA (1971-72).

Member, American Institute of Certified Planners  
(AICP) and APA.

Past Member, National Architectural Accrediting Board  
(1968-71); National Association of Housing and Re-  
development Officials; National Urban Coalition, and  
International Downtown Executives Association.

Member of numerous design awards and competition juries,  
such as Progressive Architecture National Design Awards,  
New York City's Bard Awards, American Institute of  
Architects (national & local levels), etc.

Program Coordinator, "The Architect and the City,"  
seminar at Cranbrook Academy, Michigan and publication  
sponsored by AIA and ACSA (1962).

## LECTURES & PUBLICATIONS

U. S. Department of State Cultural Exchange Delegate to  
Japan, 1967, for "Man in the City Conference" at Kyoto,  
co-sponsored by Asahi Shimbun Newspaper and U. S.  
Embassy.

U. S. International Communications Agency Guest Lec-  
turer on Urban Affairs for: Kuwait, Tehran and Beirut  
(1975); Amman (1978); Bangkok and Singapore (1979).

Guest Speaker for Brookings Institute Urban Policy  
Conference, 1962-64, various cities.

Numerous other guest lectures before general public,  
professional and university audiences in the U.S. and  
overseas.

Author of many professional articles, research  
monographs, and professional reports. (See separate  
"List of Publications").

DANIEL BENNETT: RESUME

PRESENT  
POSITION

Assistant Director, FLORIDA CENTER for Urban  
Design & Research.

Professor of Architecture, FAMU/USF Cooperative  
Program in Architecture, Tampa, FL.

PREVIOUS  
PROFESSIONAL  
POSITIONS

Principal, Bennett/Timmer Architects, Jackson,  
MS., (1982-1987). Architecture and urban design  
office specializing in historic restoration,  
adaptive use, urban design, architectural  
programming, and commercial facilities.

Professional consultant, The Jackson Redevelopment  
Authority, Jackson, Mississippi (1978-1981).

Head, Division of Urban Design, Oklahoma City  
Department of Planning Oklahoma City, Oklahoma  
(1976-1977). Administrative and professional  
responsibility for one of two major divisions  
within the Oklahoma City Department of Planning.  
Specifically charged with implementation of all  
physical design and economic revitalization of the  
City's Comprehensive Plan..

Principal, Team Plan, Inc., West Palm Beach, FL  
(1974-1975). Involved in areas of design  
management of a ten-person firm specializing in  
land planning and design related research.

Research Assistant, Rice Center for Community  
Design and Research, Houston, Texas (1975).  
Involved in natural environment and transportation  
impacts analysis relating to urban land use  
development.

Designer, Tennessee Valley Authority Architectural  
Design Branch, Knoxville, Tennessee (1968).

PREVIOUS  
ACADEMIC  
POSITIONS

Director and Professor of Architecture,  
Mississippi State University School of  
Architecture Jackson Center, Jackson, MS (1978-  
1987).

Visiting Associate, The Martin Centre for  
Architectural and Urban Studies, University of  
Cambridge, Cambridge, England (1986).

Instructor, School of Architecture, College of  
Environmental Design, Louisiana State University,  
Baton Rouge, Louisiana (1971).

## FACULTY ABSTRACT

Florida A&M University  
School of Architecture

MARTINEAU, THOMAS     Director             %time = 100     Age = 40

Current             Director, Institute for Building Sciences  
Assignment

Education           M.Arch., Rensselaer Polytechnic Institute, 1971  
  
B.Arch., Rensselaer Polytechnic Institute, 1969  
  
B.S. in Building Science, Rensselaer Polytechnic  
Institute, 1968

Publications       Snyder, M. Jack, Thomas Martineau and John  
Hagely, Technology Trends in the Construction  
Industry, Battelle Technical Inputs to Planning  
Review No. 24, June 1986.

Duga, Jules J., Martineau, Thomas, and Smith, Marc  
T., "An Assessment of the Rural Cooperative  
Housing Demonstration Program", 1984 Annual  
Conference Proceedings, American Association  
of Housing Educators.

Smith, Marc T., and Thomas Martineau. "Puerto  
Rico's Home Ownership Program: Involving the  
Private Sector", Journal of Housing, November  
1980.

Martineau, Thomas, Energy Conservation in  
Buildings: A Planning Guide, Battelle Technical  
Inputs to Planning, Report No. 2., 1978.

Martineau, Thomas, and Jean Newborg, Multifamily  
Housing Shared by the Able-Bodied and the  
Disabled, A Guidebook for Planners, Public  
Officials, and Design Professionals. Report to  
the U. S. Department of Housing and Urban  
Development, Office of Policy Development and  
Research, 1977.

Hagely, John, Thomas Martineau, and Ellen Ramlet,  
Manual for Cost-Effective Weatherization of  
Low-Income Housing, report to Ohio Energy and  
Resource Development Agency, December, 1977.

Martineau, Thomas, "The Silent Gluttons: Energy  
Conservation in Buildings--General Principles and  
Possible Results" in Integrated Community Energy  
Systems Planning, a State-of-the-Art Report from



Battelle's Columbus Laboratories, pp. J-1-J-27, 1977.

Martineau, Thomas, "A Methodology to Determine the Assets and Liabilities of Existing Urban Areas from the Point of View of their Inhabitants", in The Environment of Human Settlements, Pergamon Press, 1976.

Giannetti, Thomas P. and Martineau, Thomas, "Processes and Systems: A Necessary Synthesis", in Proceedings of the Seminar Symposium of the Project Management Institute, Philadelphia, 1972.

Martineau, Thomas, "The Urban Activity Model", Environmental Design: Research and Practice, Proceedings of the EDRA3/AR8 Conference, UCLA, January 1972.

Presentations:

"The Lab of the Future", presentation before Scientific Apparatus Makers Association Annual Conference, Phoenix, Arizona, November 1985.

"The Delivery of Learning Resources to Architects in Industry", before Annual Fall Conference of the Architects in Industry Committee of the AIA, Tallahassee, Florida, November 1985.

"Energy Conservation: Does It Still Matter?", to local chapter of American Business Women's Association, Tallahassee, Florida, January 1986.

"Where Do We Go From Here?" Wrap-up of Swedish Housing Technology Colloquium, Mississippi State University, April 24, 1986. (Extensively quoted in Automation in Housing & Manufactured Home Dealer, June 1986)

"The Future of the Building Industry, to the combined U. S. and Canadian research staffs of TREMCO Corporation, Toronto, Canada, June 1986.

Research and  
Public  
Service

FUTURLAB--a study of influences on the future location, layout, and equipment of industrial R&D facilities in the U.S., Europe, and Japan - Project Director.

HUD Study of Rural Cooperative Housing, 1979-1982 - Project Director.

A Forecast of Growth and Change in the Mexican Construction Industry, 1982-1992 - Project Director.

Experience Assessment in Public/Private Partnerships for Neighborhood Revitalization - Project Director.

Housing Programs Study for the Commonwealth of Puerto Rico - Project Director.

Study of Integrating the Handicapped in HUD Housing - Project Director.

Community Master Planning Study for the Columbus (Ohio) Colony for the Deaf - Project Director.

Study of the Effectiveness of Legislated Tax Incentives for the Use of Solar Energy in the U.S. Midwest - Project Director.

Evaluation and Screening of Potential Substitute Materials for Concrete in Building Structures - Project Director.

Identification and Characterization of Construction Industry Growth Sectors - Project Director.

Determination of the Optimum Size and Weight of Large Computer Equipment for Ease of Mobility in Buildings - Project Director.

U. S. Market Assessment for Construction Fasteners and Applicators for a Swiss Company - Project Director.

Market Acceptance Analysis for a Thermal Stud for Residential Wall Construction - Project Director.

Functional/Logistical Evaluation of Plans for a Food R&D Laboratory - Project Director.

Re-Use Assessment of Eisenhower College Campus - Project Director.

OEO/HUD Basic Homes Program - Assistant Project Director in charge of low cost construction technology and economic analysis.

Energy Conservation Plan for Sewell's Point (Virginia) Naval Complex - in charge of architectural retrofit plan preparation.

Energy Conservation Plan for Riverside, California - in charge of building energy conservation strategy development.

Adaptive Reuse of Existing Building - member of multi-disciplinary team investigating the adaptive reuse potentials of the American Book Company Building in Cincinnati.

Weatherization of Low-Income Housing - coauthor of manual for use by laypersons in a CETA training program for the weatherization of homes owned by low-income families.

Study of Battery Storage on the Customer's Side of the Meter - in charge of market potential assessment and solicitation of interest among commercial and industrial customers.

Photovoltaic Institutional Issues Study - examined commercialization prospects against standards, codes and ordinances for building and construction.

Characterization of the Multiple-Listing Systems of the U.S. Real Estate Industry for a West German homebuilder - Project Director.

Metal Residential Garage Door Study - examined market potential among homebuilders and homeowners for new product by a garage door manufacturer.

Characterization of Structural Systems for Airplane Hangers - Project Director

Vermont Energy Study - estimated probable energy savings from proposed thermal efficiency and lighting standards.

Energy Conservation Workshop Team - presented talks on energy conservation in communities and buildings.

Community Resources Assessment - member of a team which examined the public and private resources of a small city serving as the headquarters of a major U.S. corporation, which based its future growth plans on the study's results.

Preparation of Downtown Revitalization Strategies - served on a team which developed alternative strategies for revitalization for a group of downtown merchants in a small midwestern city.

Abestos Containment in Buildings - task leader on study to develop training materials for (1) assessment of asbestos presence and (2) removal

or containment.

Product Needs and Opportunities in Building Rehabilitation -- task leader for field interviews of architects and contractors.

The Future of Robotics and Other Forms of Automation in the Construction Industry - in charge of the West German and Swedish analysis.

Registration

Architectural Professional Registration  
Ohio #16-74-5388, Florida #11034

National Council of Architectural Registration  
Board Certificate of Qualification #16,344

Professional  
Experience

Battelle Memorial Institute, Columbus, Ohio;  
Manager of Construction and Facilities Planning  
Research, 1980-1985; Principal Research Architect  
1976-1980; Research Architect 1974-1976; Research  
Scientist 1973-1974. (See research programs  
cited above.)

The Saratoga Associates, Landscape Architects,  
Architects & Planners, Saratoga Springs, New York,  
Project Manager, 1972-1973, for various design and  
planning projects.

State University Construction Fund, Albany, New  
York, Research Associate, 1967-1972, in charge of  
consultant supervision on performance criteria  
development for lighting, acoustics, and interior  
finishes. Also prepared comprehensive analysis of  
Fund's facility delivery system.

## FACULTY ABSTRACT

Florida A&M University  
School of Architecture

GREY, KEITH HOWARD    Assoc. Professor    \$time = 100    Age = 43

Current Teaching	Fall Studio I Design 3.1	Spring Studio II Site Planning and Design
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Education            Master of Urban Design, University of  
Southern Cal, 1969-1970

No Degree, Landscape Architecture, Univer-  
sity of Pennsylvania, 1968-1969

RWA Diploma, Royal West of England Academy  
School of Architecture, University of  
Bristol, England, 1958-1963

Teaching Experience    Florida A&M University, School of Architec-  
ture, Associate Professor, 1980-present

Cornell University, Arch./City and Reg.  
Plg., Assistant Professor, 1973-1980

University of Southern Cal., Architecture,  
Assistant Professor, 1970-1973

Publication            Margaretville: A Main Street Revitalization  
Study, with N. Agyenian, H. Connolly, A.  
Elze, and M. Lange (Delaware County:  
Catskill Railroad Committee, 1980)

Roxbury: A Main Street Revitalization  
Study, with T. Pranich and S. Schwartz  
(Delaware County: Catskill Railroad  
Committee, 1980).

Union District: A Central Business Dis-  
trict Revitalization, (Ithaca, N.Y.:  
Cornell University, 1978).

Watkins Glen: A Central Business District  
Revitalization, with W. Boyar and S. Stein  
(Ithaca, N.Y.: Cornell University, 1976)

The Chemehuevi Future: A Human and Physical  
Resource Study, with P. Koenig (Los Angeles:  
University of Southern California, 1973).

Tule River Indian Reservation: A Resource

and Land Use Study, (Washington, D.C.:  
Department of the Interior, 1972).

The Chemehuevi Project: An Exploratory Land  
Use, Planning and Housing Study, with P.  
Koenig and P. Rodemier (Los Angeles: Uni-  
versity of Southern California, 1971).

Research and  
Public  
Service

Project Co-ordinator for community projects  
3rd and 4th year students were involved in  
during 1980-1982:

Monticello Opera House, Monticello, FL,  
provided design ideas for the renovation  
of the 1980 Opera House

Florida State Department and Marine Divi-  
sion Institute, Parker, FL, provided al-  
ternative design proposals for the first  
Marine Diving Museum to be built in the  
U.S.

Clearwater Planning Department and the  
Downtown Merchant Association, Clearwater,  
FL, prepared schematic landscape and  
architectural designs for the refurbish-  
ment of downtown Clearwater.

Fort Walton Downtown Revitalization  
Authority, Fort Walton, FL, prepared  
schematic architectural and planning pro-  
posals for the future development of Fort  
Walton Waterfront.

Community Design Center and Jacksonville  
Planning Department, Jacksonville, FL,  
prepared schematic landscape and archi-  
tectural designs for the revitalization  
of LaVilla Commons.

Holly Hill Retirement Center,  
Tallahassee, Florida, developed schematic  
design proposals for a senior citizen  
recreational facility.

Jacksonville Community Design Center,  
Jacksonville, FL, developed schematic  
design proposals for LaVilla Community  
Center, Forest Park Community Center,  
and Marietta Senior Citizens Center.

Principal Investigator, University of  
Southern Cal, 1970-1973:

HUD 701 Human Resources, Building and Land Use program for the Chemehuevi Indians and Reservation, California

A land use evaluation study of the Tule River Indian Reservation, California, sponsored by the Bureau of Indian Affairs

Design feasibility study of a furniture assembly plant for the Kawai Mission Indians, California, sponsored by the Office of Economic Opportunity

Design feasibility study for TLALOCAN, a Mexican-American community center, Los Angeles, California, sponsored by the Model Cities Program

**Professional Experience**

Principal Investigator for variously funded community planning and design studies, Cornell University:

Urban design and revitalization of Central Business Districts and neighborhoods within - 14 studies

Architectural design studies for 2 churches, and 4 community/recreation centers

Professional Design Consultant for:

"Bemis Square"--a proposed shopping mall, Canandaigua, New York

"College Town"--urban landscape treatment, Ithaca, NY

Multiple facade renovations for the Central Business Districts of the City of Hornell, the City of Owego and the Village of Watkins Glen, NY

Vincent G. Kling and Associates, Philadelphia, PA, Architects, 1969, general hospital design

Wallace, McHarg, Roberts and Todd, Philadelphia, PA, Ecological and Physical Planning Aide, 1968, ecological planning and assisting in the preparation of the book "Design with Nature," by Ian L. McHarg

Derek Lovejoy and Partners, Surrey,  
England, Landscape Design Consultant,  
landscape treatment of a new highway  
for the City of Newcastle, England

Government of Pakistan, Architect and  
Landscape Architect Consultant, 1966-  
1968, shopping centers, highways,  
recreation facilities and parks,  
residential zones, mosques and the  
Government Administration Center for  
the construction of the City of  
Islamabad.

Watkins, Gray, Woodgate International  
Group I, Bristol, England, Project  
Architect, 1963-1966, Childrens'  
Outpatient Hospital, Hydrotherapy  
and Physical Therapy Centers and  
Post Mortem Department