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1978/79



1978-1979 annual report

office of recreation and park resources

DEPARTMENT OF LEISURE STUDIES
COLLEGE OF APPLIED LIFE STUDIES

COOPERATIVE EXTENSION SERVICE
COLLEGE OF AGRICULTURE

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

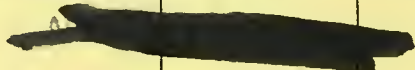
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1978-1979
ANNUAL REPORT
OFFICE OF RECREATION AND PARK RESOURCES

Department of Leisure Studies
College of Applied Life Studies
and the
Cooperative Extension Service
College of Agriculture
University of Illinois
at
Urbana-Champaign



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University of Illinois at Urbana-Champaign

Cooperative Extension Service
Department of Leisure Studies
OFFICE OF RECREATION AND PARK RESOURCES
312 Armory Building
Champaign, Illinois 61820
(217) 333-1824

October 1, 1979

Dr. Joseph J. Bannon
Head
Department of Leisure Studies
104 Huff Gymnasium
University of Illinois
Champaign, Illinois 61820

Dear Joe:

The past year has been an active one for ORPR. This 1978-1979 Annual Report highlights the most important work of the staff. The Report is a bit longer than past reports because we have included the Long Range Plan for the Office of Recreation and Park Resources. The Long Range Plan represents some of the thoughts of the staff for the future.

This past year we completed several major applied research and demonstration projects in addition to responding to hundreds of requests for technical assistance and service. The staff also conducted numerous workshops and made presentations to professional groups and organizations. In addition, the staff completed a number of publications.

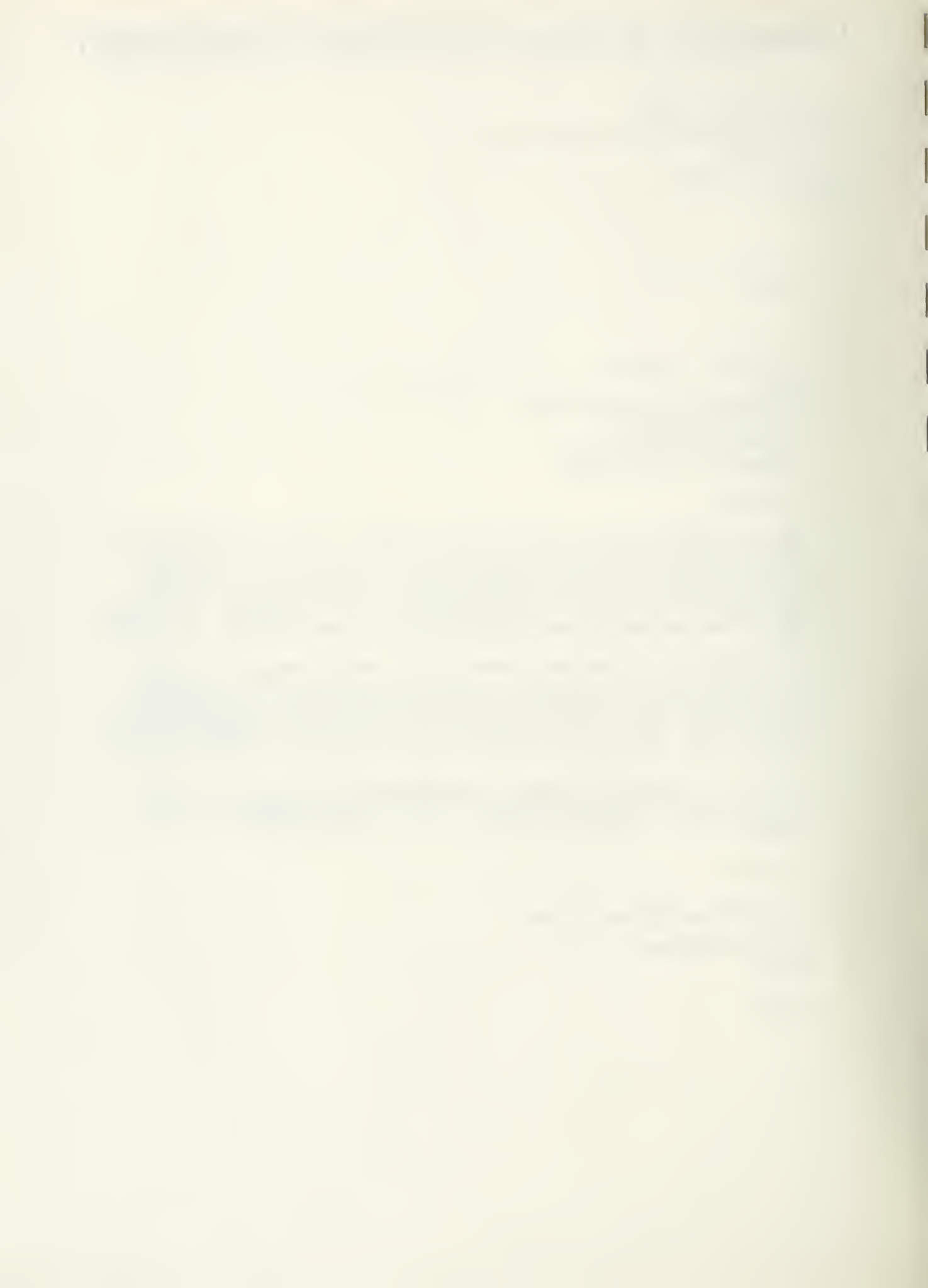
We have also recently completed a needs analysis survey of the recreation and park profession which will give us some guidance for the future. A copy of the study will be sent to you shortly.

Sincerely,



D. James Brademas, Ph.D
Chief

DJB:na



INTRODUCTION

One of the important aspects of the role of the University in higher education is its extension of the horizons of the campus through public service and continuing education. The University's instructional and research programs serve as the core, with public service and continuing education programs standing in a close complementary relationship. At the same time, the feedback from continuing education programs enrich the University's instruction program and serve in part to guide research.

The close relationship of department service components with teaching and research adds to the general strength of the departments as well as the University. Neither the departments nor the University can achieve their goals without their total commitment to the (1) discovery and creation of knowledge, (2) transmittal of the resulting body of knowledge, and (3) application to society's needs, where feedback redirects future research and teaching. Each component has its own justification and its undeniable capacity for independent contribution. Continuing education and public service consists of the activities through which departments achieve external institutional purposes by directly serving the people of the state. These activities contribute directly to the solution of urgent social problems. Continuing education and public service programs are typically available to the individual in organizational and community settings. Public service includes those activities in which department personnel render advice and consultation, and engage in study and problem-oriented research.

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be clearly documented and verified. The second part outlines the procedures for handling discrepancies and ensuring that all accounts are balanced. It also mentions the need for regular audits and the role of the accounting department in providing accurate financial statements.

The following table shows the results of the audit for the period ending 31st December 1920. The figures are in pounds sterling.

Account Name	Balance
Bank of England	100,000
Commercial Bank	50,000
Private Accounts	20,000
Reserve Fund	15,000
Profit and Loss	15,000
Total	200,000

The above figures are subject to the usual conditions of the audit. It is noted that there were no material errors or irregularities detected during the course of the examination. The accounts are considered to be true and correct.

Signed: _____
 Date: _____

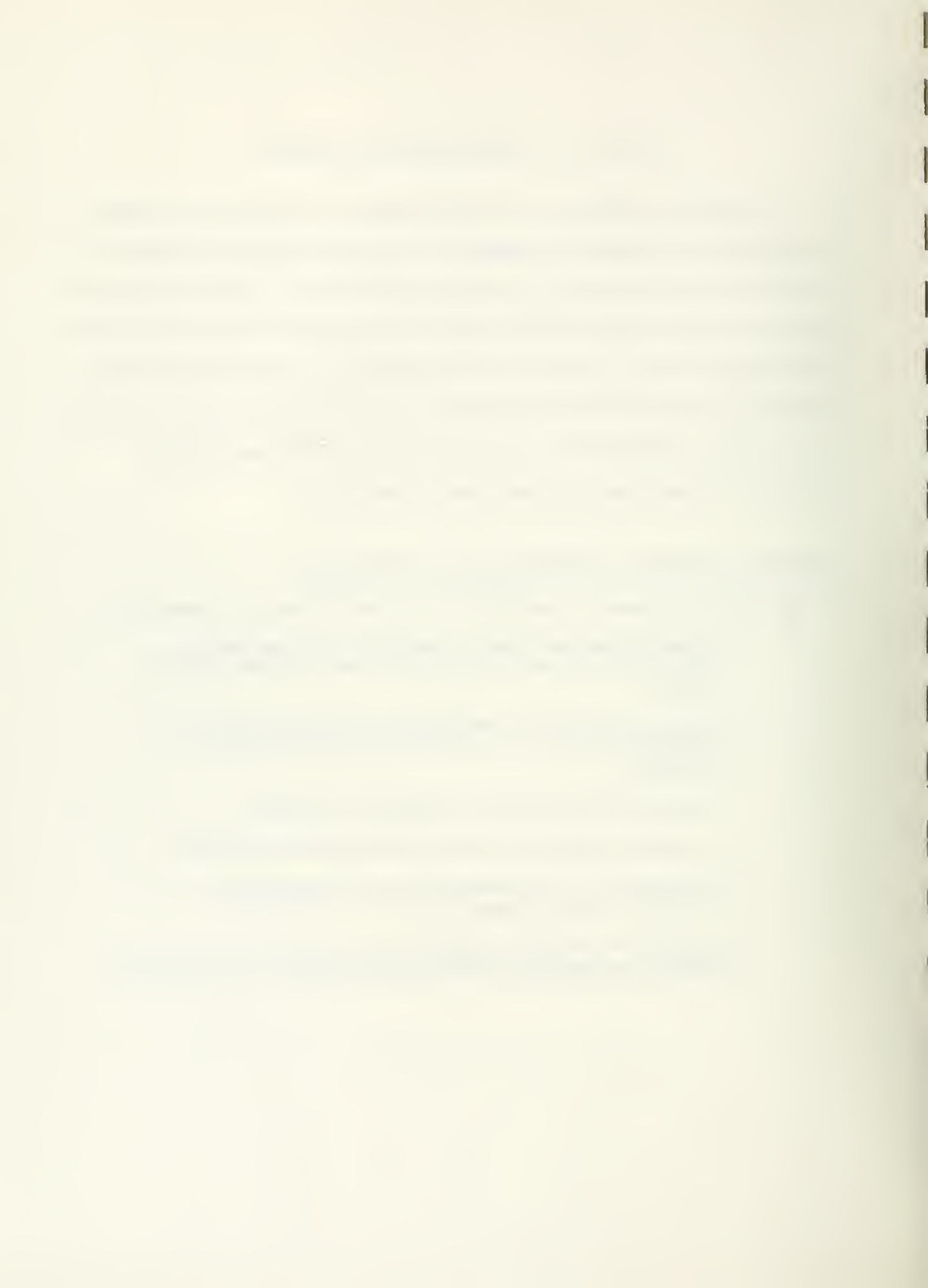
THE OFFICE OF RECREATION AND PARK RESOURCES

The Office of Recreation and Park Resources has become the principal link between the University's Cooperative Extension Service and the public in the field of leisure services. In 1969 the Field Service of the Department of Recreation and Park Administration (now the Department of Leisure Studies) in the College of Physical Education (now the College of Applied Life Studies) merged with the Rural Recreation Section of the Cooperative Extension Service in the College of Agriculture. The merged unit is called the Office of Recreation and Park Resources (see organization chart).

Purposes of the Office of Recreation and Park Resources

The primary purposes of the Office of Recreation and Park Resources are:

- . To generate new and improved methods of leisure service delivery through applied research efforts and demonstration projects.
- . To enhance professional development through inservice and preservice educational services and related materials development.
- . To develop and disseminate information resources.
- . To provide consultant services and technical assistance.
- . To contribute to the development and strengthening of the leisure service professions.
- . To establish and enhance cooperative liaison and communication networks within the University, State and Nation.



ORPR Resource Sections

The Office of Recreation and Park Resources operates through four recreation resource sections: Outdoor, Educational, Community, and Therapeutic.

The Outdoor Recreation Resource Section, through consultation and research projects, deals primarily in planning, organization, and administration of county and regional park systems such as Conservation Districts, Forest Preserve Districts, and River Conservancy Districts. This section also secures, prepares, and disseminates educational materials as they relate to outdoor recreation resources. It also concerns itself with cooperation among the various state and federal agencies involved in outdoor recreation. These agencies include the Bureau of Outdoor Recreation in the Department of Interior, U.S. Department of Agriculture, and state agencies such as the Illinois Department of Conservation and the Department of Business and Economic Development.

The Educational Resources Section concerns itself with providing information and educational materials to professional and lay personnel in recreation and parks. It is responsible also for the examination of program techniques and the solutions to problems that relate to the conduct of recreation and park programs. Personnel of this section collect, prepare, and disseminate information and materials relating to new leadership development, thus enabling recreation and park groups to provide a more effective service

The Community Recreation Resources Section is responsible for consultation and research dealing with recreation and park problems affecting rural, urban and suburban communities. It attempts to enhance community decision-making processes in the planning, organizing and improving of comprehensive leisure service systems. Personnel of this section consult directly with recreation and park professionals, other government officials, citizen committees, and civic organizations.



The Therapeutic Recreation Resources Section engages in multifaceted services to improve the delivery of leisure services to handicapped, ill and aging populations in residential, treatment and community settings. Included in the services of the section is materials development and dissemination, consultation regarding all aspects of program design, implementation and evaluation, professional development training materials and workshops, research related to programming intervention and delivery strategies in therapeutic recreation.

Cooperative Relationships

The Office of Recreation and Park Resources facilitates many cooperative relationships both within the university and with other institutions. For example, a major source of assistance to the office is the contact with County Extension Advisers. At present, there are over three-hundred and fifty advisers assigned throughout the state. Their knowledge of local conditions and their influence in the community is valuable to the ORPR staff. Efforts also are made to strengthen further the relationship between ORPR and the Illinois Association of Park Districts and the Illinois Park and Recreation Association. Other cooperative relationships include the Department of Business and Economic Development, Department of Conservation, Illinois Office of Education, Illinois Department of Personnel, State Comptroller's Office, Illinois Department of Health, State Department of Corrections, Department of Local Government Affairs and the Illinois Municipal League. As the Office of Recreation and Park Resources expands its service, other important relationships will be developed.

These interdisciplinary contacts reflect the clear overlap and interdependency of leisure services with other disciplines. For instance, research findings in business and sociology may provide the recreation and

parks profession with insights into new forms of administration management and human behavior, which will aid in designing new training programs, activities and facilities to effectively meet man's leisure needs.

Many will seek to upgrade their standard of living by establishing commercial outdoor recreation enterprises. Many will see the economic advantage of meeting citizens' leisure and recreation needs through camping, hunting, swimming and other such enterprises. These individuals will use the consulting services of the Office of Recreation and Park Resources at an accelerated rate as the "business" of leisure becomes more economically lucrative.

The future will demand that the staff develop educational "packages" in management techniques, leadership development, community cooperation, and related subjects, to be used by park and recreation practitioners, area and county advisers as well as citizens groups in Illinois.

In response to pressures from within and outside the University, the research philosophy of the ORPR will reflect an increasing interest and involvement in applied research projects. Closer ties will also be established with local, state, and national social service agencies in order to obtain money for research and training programs coordinated by the ORPR.

For example, the profession has long been interested in developing standardized evaluative instruments for certification of park and recreation personnel. Some preliminary attempts have been made by various state organizations to develop such instruments but with little success. The National Recreation and Park Association has expressed an interest in awarding a grant to a university for the development of a certification program based on adequate

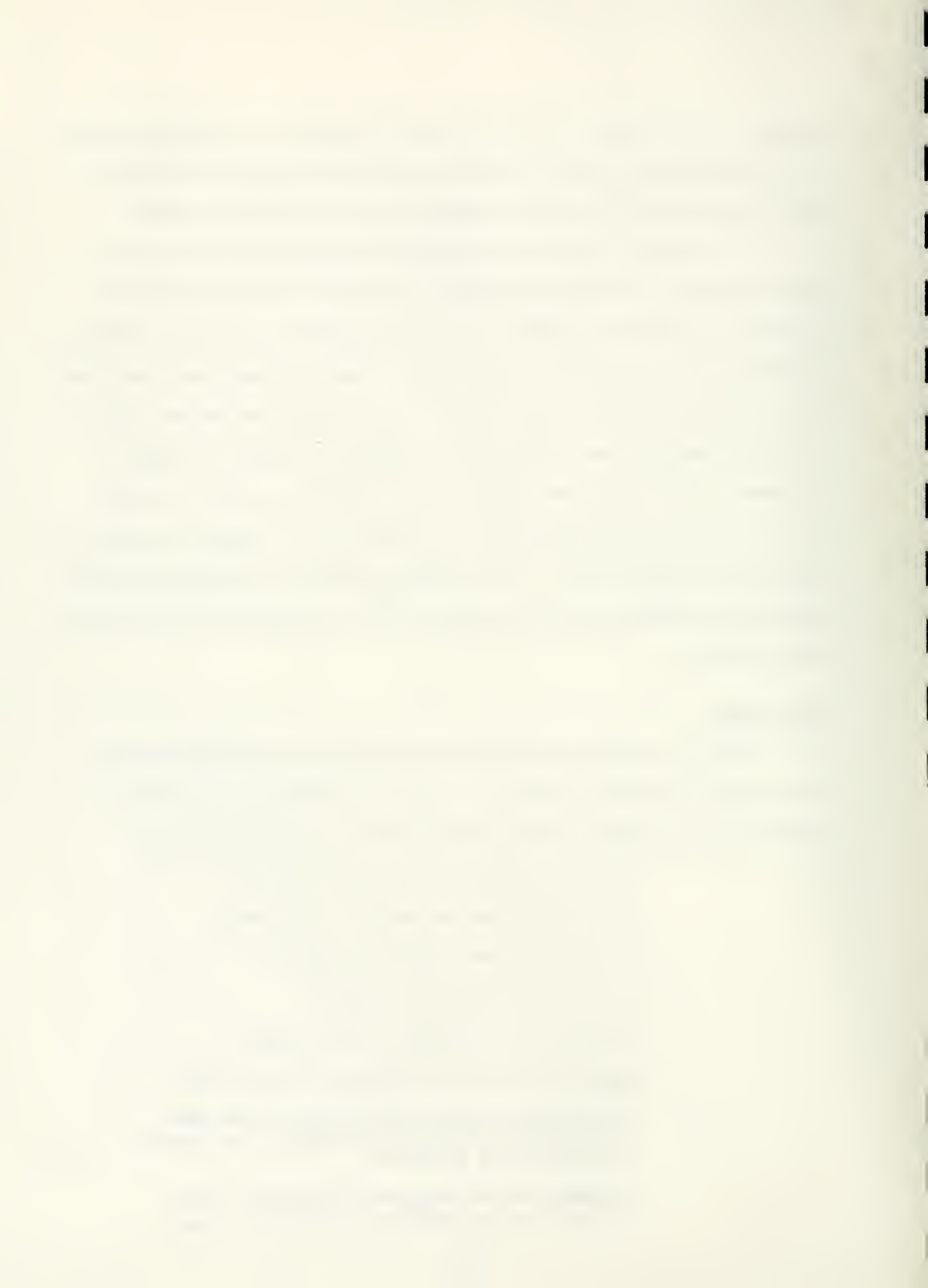
research. The Office of Recreation and Park Resources, in cooperation with the Leisure Behavior Research Laboratory and other campus units, would be a logical resource for developing a model national certification program.

The current problems of unemployment and depletion of energy and natural resources coupled with tremendous demands for leisure activities, has created unprecedented pressure on local government and private industry to meet the leisure pursuits of our people. There are some indications that our urban areas are "heating up" again. We continue to be plagued with environmental problems and a lack of understanding of equitable solutions. Interwoven in these problems is the concern to develop better technology transfer for practitioners, public and private, and for students who will become the new practitioners. The knowledge explosion is constant and such developing knowledge needs to be communicated in non-technical usable form to our clients.

ORPR Clients

There are several principal client groups with which ORPR works on a daily basis in providing services to assist in meeting various forms of leisure service demands. Some of these principal client groups are:

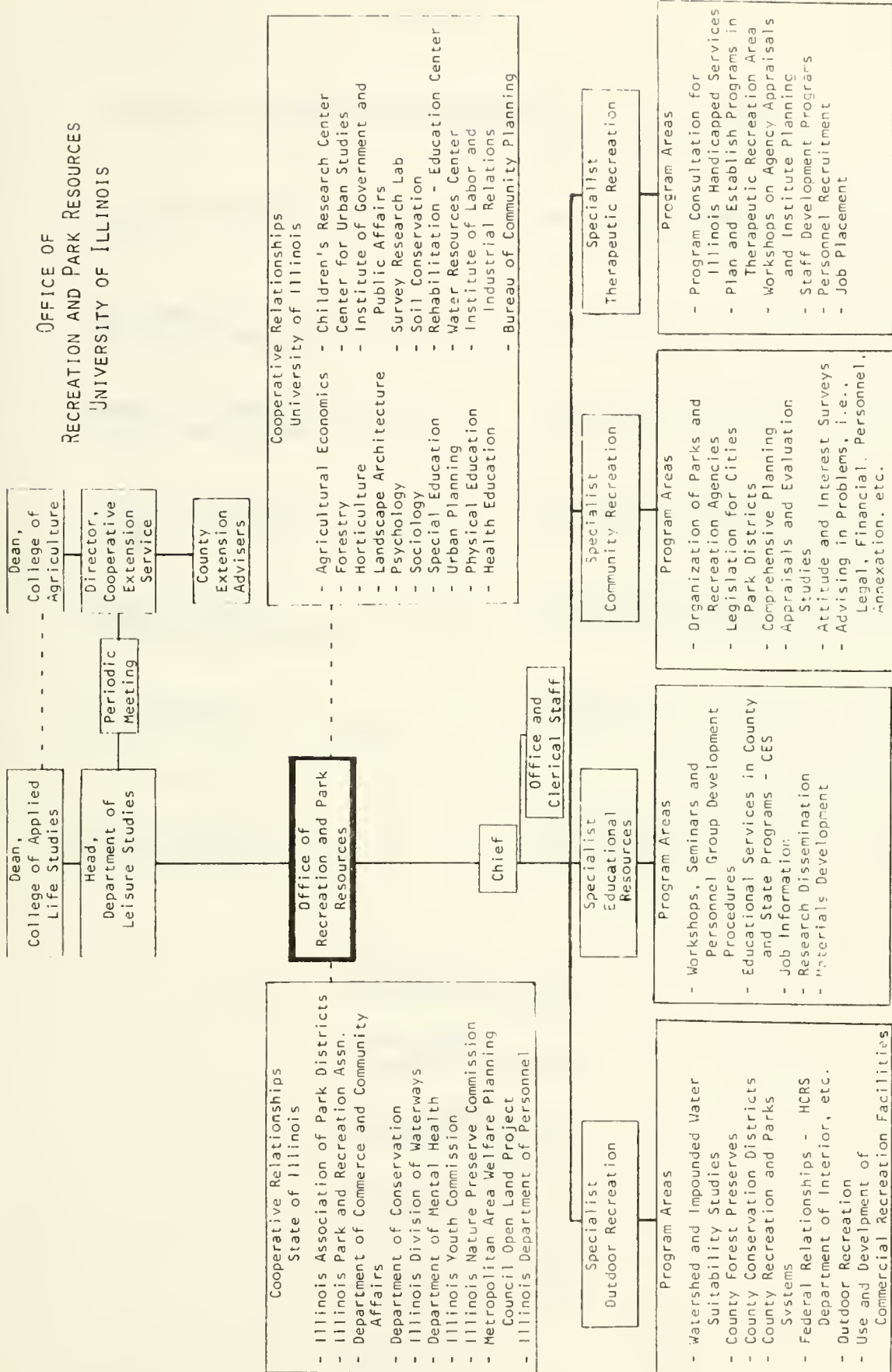
- * Cooperative Extension Service Personnel
- * Public Parks and Recreation Professionals
- * Private Leisure Enterprise Personnel
- * Related Human Services Personnel
- * Volunteers, Lay Leaders, Citizen Groups
- * Faculty and Staff of Educational Institutions
- * Individuals of all ages and families, who seek to improve the richness of personal life through the wise use of leisure.
- * Students who are preparing for careers in the leisure service profession, public and private.

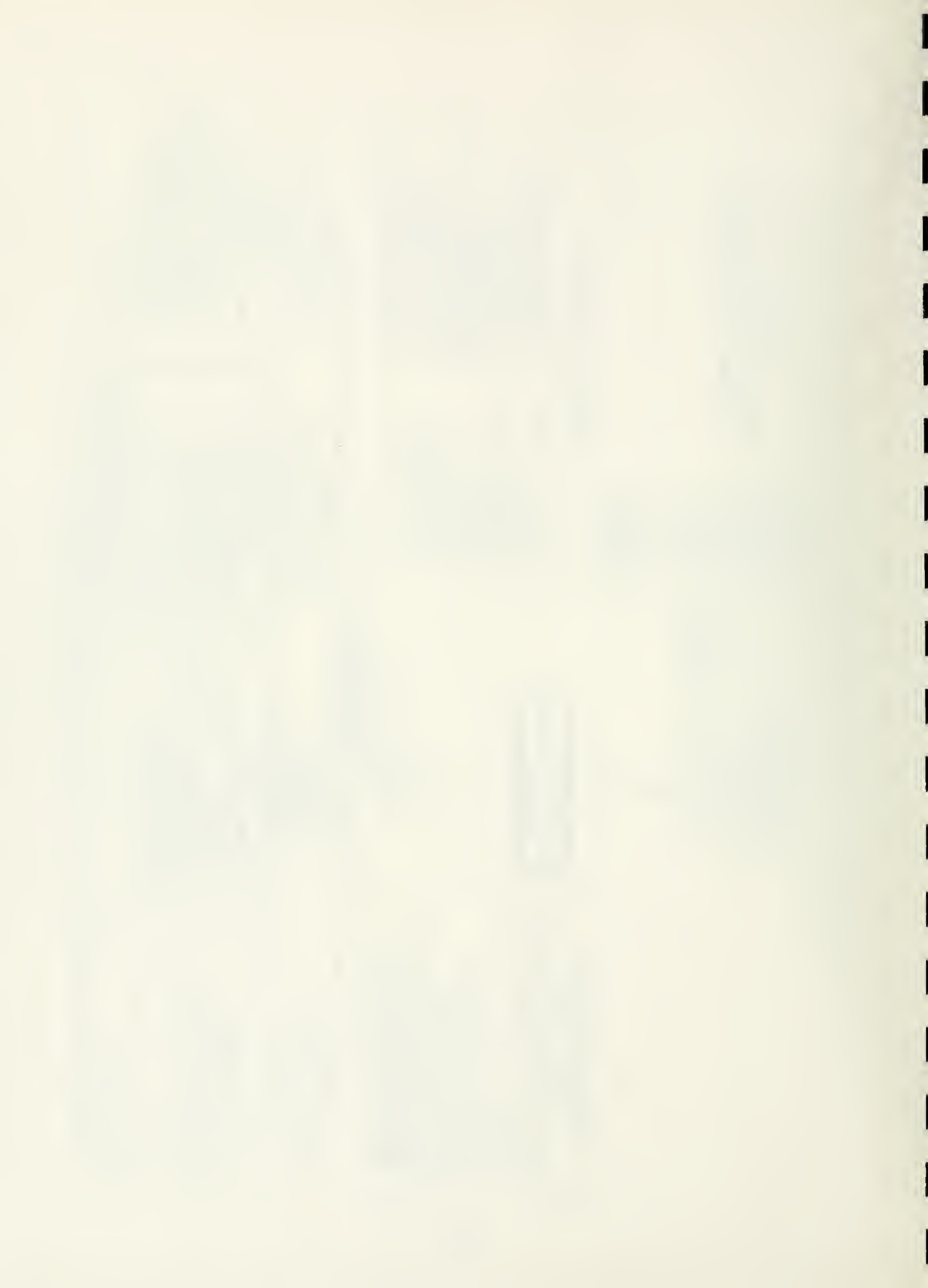


The establishment of the Office of Recreation and Park Resources is a concerted effort on the part of the University of Illinois to provide the best possible service in parks and recreation to the citizens of Illinois. This unit places the State of Illinois in the forefront in providing public service and continuing education in the essential field of leisure services.



OFFICE OF
RECREATION AND PARK RESOURCES
UNIVERSITY OF ILLINOIS





PERSONNEL OF THE OFFICE OF RECREATION AND PARK RESOURCES

D. James Brademas, Ph.D. Assistant Professor
Chief

Peg Connolly Lecturer
Therapeutic Recreation Specialist

Robert D. Espeseth Associate Professor
Outdoor Recreation Specialist

Robert P. Humke Assistant Professor
Community Recreation Specialist

George Lowrey, Jr. Assistant Professor
Educational Resources Specialist

E. H. Regnier Professor
Program Specialist, Emeritus

Norma Anderson
Secretary-Steno

Cheryl Hahn
Clerk-Steno

Jan Elich
Graduate Assistant

Kim Gress
Graduate Assistant

Bill McKinney
Graduate Assistant

Reesa Rayford
Graduate Assistant

Phil Rose
Graduate Assistant

Flynn Vance
Intern

ANNUAL REPORT SUMMARY

The following Annual Report covers the period from July 1, 1978 through June 30, 1979.

In May, 1978 the Office of Recreation and Park Resources participated in identifying and establishing goals and objectives for the ensuing year. This staff planning culminated in the Plan of Work. The following is a brief description and progress report concerning these goals.

In addition to the more significant activities of the office detailed in this report, the specialists made many personal visits to Illinois communities, handled hundreds of phone requests and mailed dozens of brochures and printed material to individuals and agencies.

This summary is prepared in accordance with the SEMIS reporting system of the Cooperative Extension Service. All goals relate to the prime purpose, Number 76--SEMIS, namely improving the operational effectiveness of both private and public recreation, wildlife and/or natural beauty enterprises.

OFFICE OF THE CHIEF

The primary responsibility of the Chief of the Office of Recreation and Park Resources is "to oversee the direction and management of the unit." However, the Chief does become involved in a number of continuing education and public service activities. The following is an account of the more significant activities of the Chief this past year and does not include details on a vast number of phone calls and letters relating to technical assistance.

Long Range Plan

In the spring of 1979, the staff of the Office of Recreation and Park Resources prepared a Long Range Plan. This Plan, based on a five year projection, detailed the expansion of ORPR in five areas of service. They are:

- 1) Therapeutic Recreation
- 2) Tourism and Commercial Recreation
- 3) Continuing Education for the Leisure Service Profession
- 4) Environmental Education
- 5) Urban Leisure Services

The Plan represents a significant advancement in the activities of ORPR. The implementation of the Plan would place ORPR at the leading edge in the United States for development and dissemination of knowledge of critical importance to the leisure services field. A complete copy of The Long Range Plan for the Office of Recreation and Park Resources may be found in Appendix A of this Annual Report.

The Personnel Assessment Center - Peoria, Illinois

The Pleasure Driveway and Park District in Peoria, Illinois was the first agency in the field of parks and recreation in the State of Illinois to adopt the use of the Personnel Assessment Center. The Chief of the Office of Recreation and Park Resources had the responsibility of designing the center and for coordinating the efforts of the various experts throughout the state who contributed to the success of the center.

The Setting

In October, 1978 the Superintendent of Recreation for the Pleasure Driveway and Park District in Peoria, Illinois announced his resignation effective in February, 1979. The lead time for replacing him offered Rhodell Owens, the Director of Parks and Recreation, and the Board of Trustees an opportunity to conduct a thorough search for his replacement. Beginning in November, 1978, the management of the Peoria Park District undertook an extensive recruitment process and adopted a unique employee selection method called the Personnel Assessment Center. The process culminated in the selection of a new Superintendent of Recreation in March, 1979. During the period from November 1978 until March 1979 representatives of five separate public agencies in Illinois effectively joined together to develop the first Personnel Assessment Center in the field of parks and recreation in the State of Illinois.

The Personnel Assessment Center

The Personnel Assessment Center is a relatively new method for use in employee selection in the public sector. The assessment center method of identifying supervisory potential is an objective attempt at providing managers with more complete data than they can ordinarily gather from personal interviews, supervisory ratings, letters of reference, and written and oral tests

alone. The assessment center produces relevant information, under standardized conditions, about an individual's capabilities to perform a job. This first assessment was a result of a two year continuing education program conducted by the Chief of ORPR and represents a breakthrough in improving personnel selection procedures in public park and recreation agencies in Illinois.

Professional Needs Assessment Study

This past year ORPR conducted a needs assessment study designed to determine the needs of Illinois professionals in the field of parks and recreation for major types of services which might be provided by the Office of Recreation and Park Resources. Secondary purposes of the study included: an evaluation by the professionals of the stated basic purposes of ORPR; and an evaluation of the quality of services provided by ORPR within the past two years.

Development of A Model Job Analysis Procedure

In June 1979, the Chief of ORPR submitted a grant proposal to the Illinois Department of Personnel, Intergovernmental Act Statewide Program for \$14,000. The basic purpose of this project is to develop a model job analysis process resulting in development of job descriptions at the professional and technician levels for currently identified positions in public leisure agencies. There does not exist currently a standardized, systematic procedure for conducting job analysis in the State of Illinois among public leisure service agencies. The development of such a procedure leading to comprehensive job descriptions would identify job related competencies which is essential to the personnel management and function. The results of this

project would also serve as a prelude to the development of standardized examinations for registration of recreation and park personnel.

Illinois Today and Tomorrow - Recreation: The Citizens' Perspective

In February, 1979 the Chief of ORPR submitted a proposal to the Dean of the College of Applied Life Studies for \$500 for the printing costs of a new publication titled: Illinois Today and Tomorrow - Recreation: The Citizens' Perspective. Another proposal was submitted to the Illinois Park and Recreation Association (IPRA) for mailing costs of the publication. The Dean approved \$350 for the publication and IPRA approved the request for mailing costs.

In 1978, the College of Agriculture, the Institute for Environmental Studies and the Institute for Government and Public Affairs at the University of Illinois conducted a statewide study of public opinion and published the results in a newspaper form titled: ILLINOIS - Today and Tomorrow.

ILLINOIS - Today and Tomorrow is a statewide study of public opinion on community problems, taxes, new programs, energy issues, legislative concerns, and consumer problems. The purpose of the survey is to provide state and community leaders with information which can help them make better decisions based upon public expression and priorities. Questionnaires were answered by nearly 10,000 Illinois residents.

Among the findings there is an abundance of information on recreation and on issues which relate directly to the provision of public recreation services.

The information on recreation issues has been pulled together and will be disseminated to professionals in the field of parks and recreation, educators, Cooperative Extension advisers, park board members, legislators and other community leaders interested in the delivery of leisure services.

The Office of Recreation and Park Resources in cooperation with the Institute for Environmental Studies has compiled all of the necessary information for a new publication titled: RECREATION: The Citizens' Perspective.

University, College and Department Committees

University

- Member - Campus Council - Continuing Education and Public Service
- Member - Continuing Education
- Member - Chancellor's Advisory Committee on Staff Development

College

- Member - Search Committee - Division of Campus Recreation

Department of Leisure Studies

- Chairman - Grievance Committee
- Member - Advisory Committee
- Member - Awards Committee
- Member - Graduate Committee
- Member - Undergraduate Committee

Teaching

- Leisure Studies 494 - Personnel Administration
- Leisure Studies 110 - Foundations for Delivery of Leisure Services

Professional Offices

National Recreation and Park Association (NRPA)

- Member - Committee on Continuing Education

Illinois Park and Recreation Association (IPRA)

- Member - Board of Directors - Administration and Finance Section

Honors

- Delegate to - The Second Annual Greek-American Seminar on "Greek-American Relations in a Democratic Setting," Athens, Greece and the Island of Cyprus - Greek World Magazine, New York, NY.

- Presenter - Academic Honors and Recognition Evening, Department of History, Ball State University, Muncie, Indiana

Professional Involvement

During the past year, the Chief of the Office of Recreation and Park Resources was involved in the following workshops and continuing education activities:

Seminar Speaker - "Personnel Administration,"
Court Club Enterprises - Skokie, Illinois

Conducted three-day program on training
personnel assessment centers assessors -
Chicago, Illinois

Seminar Speaker - "Employee Performance Evaluation,"
Technology Transfer Series - ORPR
University of Illinois at Urbana-Champaign

Workshop Speaker - "Personnel Employment Procedures,"
Management Institute - Pennsylvania Recreation and Park
Society - Pittsburgh, Pennsylvania

Workshop Speaker - "Personnel Selection,"
Illinois Park and Recreation Association Annual Conference
St. Louis, Missouri

Workshop Speaker - Trends in Employee Performance and
Pay Practices," - Illinois Park and Recreation Association
Annual Conference - St. Louis, Missouri

Speaker - "Personnel Selection - The Personnel Assessment
Center," Management Institute - National Recreation and
Park Association Annual Congress - Miami, Florida

Speaker - "The Personnel Assessment Center,"
Maricopa County, Arizona Park and Recreation Department
Phoenix, Arizona

Speaker - "Employee Motivation," Urbana-Champaign Park
District Seminar - Champaign, Illinois

Coordinator and Speaker - "Leisure Service Delivery
Systems," Telenet Extension Conference Class
Urbana, Illinois

COMMUNITY RECREATION SECTION

Following the pattern established for the 1977-78 Annual Report, activities of the Community Recreation Specialist for 1978-79 will be reported in three major categories: Community Resource Development (CRD) and 4-H; Research and Demonstration Projects; and Professional Involvement and Development. A significant amount of interaction with professional colleagues both on and off campus, as well as with students, was an integral part of much of these service efforts.

Community Resource Development and 4-H

Requests for consulting services to individuals and groups from both rural and urban settings continued to be both numerous and diverse. While many requests were satisfactorily answered through correspondence, mailing of appropriate materials, or telephone calls, a significant number involved visitation to the requesting community. For convenience, a listing of communities to which assistance was given is divided into three groups: those which requested aid in site and facility planning, and those which received assistance in program planning.

The following communities requested help in leisure service organization and planning:

Geneva	Extension Region 10	Paxton
Woodlawn	Benton	Taylorville
Pekin	Ashton	Bureau County
Naperville	Peoria	Sidney
McHenry	Clark County	Streamwood
Vernon Hills	Berwyn	Golden Eagle
Toledo		

It should be noted that interest has been increasing in the utilization of community-wide interest attitude and opinion surveys as a means of receiving citizen input for planning purposes. Of the above 19 recipients of services, (Geneva, Pekin, Extension Region 10, Berwyn, Paxton, Sidney, and Streamwood) received help on developing suitable survey instruments, conducting the study, and analyzing the findings. The Sidney study involved a great deal of assistance from students enrolled in the Recreation Program Development (LEIST 215) class in the spring of 1979. A notable result of assisting with a Region 10 survey was a half-hour television interview on a Paducah, Kentucky station.

Technical assistance on park site and facility planning was often shared with the Outdoor Recreation Specialist, who in some cases provided layout sketch plans for the community. Locations receiving this type of assistance included:

Kansas	Brookport	Quincy
Pekin	Bethany	Walnut
Okawville	Henry	East Peoria
Young Adult Conservation Corps (Springfield)	Murphysboro St. Anne	Macomb LaHarpe

After a decline in community swimming pool planning requests in recent years, this annual period reflects several such inquiries and resulting visitations. In addition, a University of Illinois radio broadcast was made regarding planning for construction of home swimming pools in the state.

Program planning assistance ranged from making suggestions at one meeting to an in-depth study of the Elmhurst Park District playground program

by a group of students in the LEIST 215 class, with resulting written report.

Other communities and agencies assisted were:

Urbana	Bureau County	Wabash County
Naperville	Danville	C-U Boys' Club
Clinton	Wheaton	Champaign County
Evanston	Will County	Carroll County
Rantoul	Dakota	

Although each of the above represents a unique request and response, at least one rates special mention because of the implications state-wide and nationally. A committee of individuals representing the Urbana Chamber of Commerce requested ideas on how recreation might be used as a tool for aiding in the revitalization of downtown Urbana. Meetings were held and suggestions made, with the result that a weekly farmer's market, organization information and sale booths, cultural presentations such as strolling musicians, dancers, other entertainers, along with a variety of activities, were scheduled.

The above listing indicates something not only of the scope of service categories responded to, but a geographical variety as well. There is no doubt, however, that some areas of the state request and receive less help than others.

Considerable effort was made in the planning and conducting of training activities for 4-H staff and participants during 1978-79. Together with the Resource Development Specialist plus special guests, the Community Recreation Specialist aided 4-H Specialized Advisers in Recreation with preparation for their leadership roles. In addition, a major role was played in the Annual 4-H Conference on campus, as a Recreation Leadership Section was conducted for well over 40 young participants. Finally, work

progressed on a planned state-wide 4-H recreation resource file through the efforts of a graduate assistant and students in LEIST 215.

Research and Demonstration Projects

The most significant outcome in this category of service almost certainly was the research, writing, and publishing of Parks and Recreation in Illinois: A New Synthesis, a position paper prepared for the Illinois Association of Park Districts. This effort included consultation with and response from a number of leading educators conservation leaders, agency directors, and private consultants in the state.

Further research in the area of municipal park and recreation services resulted in two publications: "Leisure Service Provisions of Illinois Municipalities," Illinois Research, Fall 1978; and "Leisure Service Expenditures in Illinois Municipalities," Illinois Municipal Review, September 1978. In addition, related research on the specific types of organizations which deliver municipal services was begun, with completion and publication anticipated for fall 1979. Financing of this study was enhanced by a grant from a special fund administered by the Dean of the College of Applied Life Studies.

A rather comprehensive study on cooperative agreements between leisure service agencies and other community organizations, especially schools, was completed, with the results disseminated at the Illinois Park and Recreation Conference, through the Illinois Community Education Association Newsletter, and to individual communities on request.

Significant progress was made in writing (with two co-authors) a park planning text emphasizing grass-roots citizen involvement. In this regard, application for a grant to field test such a process was made to the Illinois Park and Recreation Foundation.

The Community Recreation Specialist contributed to a Parks and Recreation magazine "Research Update" section during the year with an article on planning community-wide special events.

Professional Involvement and Development

Highlighting efforts in this area were the planning and teaching of Foundations for Delivery of Leisure Services (LEIST 110, with D.J. Brademas, fall semester), and LEIST 215, spring semester. Very significant amounts of time and energy were utilized in these efforts, with student evaluation response quite positive. Teaching efforts from the previous LEIST 215 class (spring 1978) led to a listing in the Incomplete List of Excellent Instructors. In addition to direct class-related projects, the Community Recreation Specialist aided numerous students on special projects for other classes, community fieldwork, and research studies.

Another significant involvement was the presidency of Illinois Community Education Association. This commitment resulted in numerous meetings across the state with representatives of communities, institutions of higher education, and a variety of organizations.

Other memberships and professional involvements included:

Member, National Recreation and Park Association
Great Lakes Advisory Committee

Appointed Editor, Illinois Parks and Recreation magazine

Member, National and Illinois Park and Recreation Associations

Member, National Community Education Association

Member, CIRCLE organization (Central Illinois leisure delivery agencies)

Advisor, SOLAR (undergraduate students' professional association)

Appreciation awards for leadership were received from the Illinois Community Education Association, and a special award, the Professional Citation, was presented by the Illinois Park and Recreation Association.

Conferences and workshops attended during the year are listed below, with titles of presentations (where applicable) noted:

Illinois Park and Recreation Association
Mid-Year Conference

North Central Cooperative Extension Region Recreation
Specialists' Workshop (2), Chicago

Wisconsin Parks and Recreation Conference
Stevens Point, Wisconsin

Illinois Park and Recreation Conference
St. Louis, Missouri: "Community Education - Cooperation
Without Duplication," and "Community Education."

Cooperative Extension Service Annual Conference
Urbana: "Public Leisure Services in Communities."

Illinois Community Education Conference
Springfield, Illinois

Cumberland County Homemakers' Playday (LEIST 215
student group project)

Western Illinois University Student Conference
Macomb: "The Role of Professional Recreation in Society,
Today and Tomorrow."

Illinois Association of School Administrators,
Kaskaskia Division, Vandalia: "Community Education."

National Extension Leaders Recreation Workshop,
Lake Barkley, Kentucky: "Developing Recreation
Resources in Rural Communities," and "Cultural Arts—
Extension Service's Involvement."

Finally, the following committee assignments were carried out by the Community Recreation Specialist: Therapeutic Recreation Search Committee, Social Committee, and Undergraduate Committee (Departmental), State Town and Country Art Show Committee, Cooperative Extension Service Staff Retreat Committee, and an Inter-Departmental Arts Planning Committee.

EDUCATIONAL RESOURCES SECTION

The annual report for the Educational Resources Specialist essentially covers only a six-month period. The Specialist was on sabbatical leave January—August 1979. A summary of activities for the sabbatical is, however, included.

Continuing EducationTechnology Transfer Series III

The third in this continuing professional education opportunity was conducted by University of Illinois faculty, principally from the Department of Leisure Studies. It remains a successful viable method of reaching the practitioner with continuing education.

Sessions for 1978-79 were:

September 15-16 —

A two-day session on Collective Bargaining in Public Agencies conducted in Homewood-Flossmoor by Richard Mannweiler and Vern Talbot from the Institute of Labor and Industrial Relations.

October 1-2 —

A two-day seminar on Collective Bargaining in Public Agencies on campus. A follow-up and continuation of the September sessions by the same instructors.

November 6 —

Competition in Recreation - Dr. Douglas Kleiber
Leisure Studies

Cultural Arts Programming - Dr. Dan Perrino, Associate Dean
Fine and Applied Arts

March 5 —

Management by Objectives - Dr. Joseph Bannon
Leisure Studies

April 2 —

Employee Performance Evaluations - Dr. D. James Brademas
Leisure Studies

Extramural Courses

This program consists of scheduling a few of our graduate level courses in the Chicago area for the convenience of field professionals who wish to pursue an advanced degree. As many as four units may be acquired in this manner with the remainder being taken in residence on campus.

Police Seminar — Illinois Association of Park Districts

The Educational Resources Specialist scheduled and worked out the program for this session utilizing the Police Training Institute on campus. The program was designed for both lay commissioners and board members of Illinois Parks and Recreation Systems and their operational police officers and rangers. The program was held at the Holiday Inn in Urbana and the Police Training Institute facility south of Urbana on September 30, 1978.

Services

Town and Country Art Show

The largest and most successful Town and Country Art Show State Exhibition was held in the Lincoln Square Mall on October 20-29, 1978. The Educational Resources Specialist from ORPR works with a State Committee appointed by the Cooperative Extension Service to coordinate this program through a series of County and Regional exhibitions culminating in the State Exhibition.

Job Mart and Job Opportunities Bulletin

ORPR is not in its Sixth year of providing a comprehensive Job Information service in cooperation with the Illinois Park and Recreation Association. This consists of a classified listing of position vacancies and a monthly Job Opportunities Bulletin of positions open in the State of Illinois. The bulletin is mailed out to every leisure services system in the state and to a subscription list of some 700 individuals. In addition, the Education Resources Specialist set up and manned a Job Mart service at the State Conference in the fall of 1978. This was very well received and additional space has been allocated for a repeat of this service at the 1979 Conference in November.

Research Digest for the Professional

A cooperative project of several Illinois Universities coordinated by the Educational Resources Specialist and published by ORPR, this digest is a service of the Illinois Parks and Recreation Association who finances the project. The first edition was published last November but was not mailed out to IPRA members until January 1979. The second is currently being edited. Basically the publication is a collection of field useful research rewritten and presented in laymen's terms for the education and use of those who are not researchers.

International Liaison and Study Abroad

Two visitors from the British Isles were hosted this year. Mr. Martin Gaskel, London, visited the department in September and held discussions with several faculty members regarding curriculum objectives and content in Leisure Studies. The English higher education system is considering several proposals from British Colleges for the development of such programs. Mr. Gaskel is with the Council for National Academic Awards, an accrediting agency.

Miss Muriel Otter, Sheffield, Treasurer of the International Playground Association, visited in October. Miss Otter conducted a seminar and spoke with a couple of Leisure Studies classes while here about the objectives and operations of the IPA.

The Educational Resources Specialist, as international liaison, advises and counsels students who are planning on study abroad. In the spring of 1979 twelve students from Leisure Studies participated in the American Universities International Program in Edinburgh, Scotland. Two students from Physical Education studies in Liverpool, England. Currently students are being prepared for study in spring 1980 in both locations.

Research

Research efforts for the year have been concentrated in the design and conduct of the sabbatical project which is a cross cultural study of Leisure Service delivery systems. However, some continued analysis has been carried out on two previous surveys - the Supervisory Practice Survey and the Cultural Arts Programming Survey as well as some technical assistance on graduate student projects.

Professional Involvement

National Recreation and Park Association
National Personnel Advisory Committee

Society of Park and Recreation Educators
Co-Chairman, International Affairs Committee
Representative, Great Lakes Regional Council (late
year appointment)

Illinois Association of Park Districts
Regional Workshops Committee

Illinois Park and Recreation Association
 Board of Directors
 Continuing Education Committee

College and Department Committees

Executive Committee	- College
Advisory Committee	- Department
Graduate Committee	- Department
Undergraduate Committee	- Department
Promotion and Tenure Committee	- Department

Sabbatical Leave - January-August 1979

The Educational Resources Specialist was on sabbatical leave during the spring and summer of 1979. The major task during that leave was the collection of data for a cross-cultural study of leisure service systems in the United States and the United Kingdom. Cities chosen for the study were Austin, Texas and Edinburgh, Scotland. Besides being comparable cities in a number of ways, both have excellent parks and recreation systems and the researcher has extensive contacts in both. The month of March was spent in Austin and late April and most of May in Edinburgh collecting data. In addition, extensive time was given to the development of additional contacts in the United Kingdom and some direct supervision of students in the 1980 programs which are conducted in Edinburgh and Liverpool.

One avocational project was engaged in which was a Greek Dance Workshop held in Athens, Greece.

OUTDOOR RECREATION SECTION

Through the avenues of on site visits, telephone consultations, information dissemination, and follow-up assistance the Outdoor Recreation Specialist has met the requests and needs of scores of large and small communities and park districts on the local level, the county level and the state and federal level as well as responding to requests from private enterprises and individuals.

The expertise of other ORPR staff, university faculty, and state and federal personnel is often used so that a more comprehensive approach can be brought to bear.

Research

"Marina Management Audits," Association of Illinois Marine Enterprises

Management audits were conducted at four marinas. The essential purpose of the management audits is to provide reliable information to help determine the kinds of educational programs useful to small recreation businesses. Through the in-depth study of a few enterprises, it is anticipated that problems will be identified which are common to the sample enterprises, and thus likely to be prevalent in many others in this sector. To the extent that these common problems can be treated through education, appropriate training programs will be developed and offered to any interested small recreation business enterprise.

The management audits have the dual purpose of providing a confidential report to the owner on the analysis of the operation, which is anticipated will be of substantial benefit, and of providing data to extension specialists and university faculty responsible for education program development and delivery.

Two other significant purposes are accomplished by this technique of educational needs assessment: first, it provides an opportunity for people involved in the study to experience firsthand the management problems of the subject organizations giving more insight into their day-to-day operations; second, by being better informed, training programs can be developed which are more germane to these specific problems, and training materials developed accordingly. Some of the information will provide opportunities for developing special case studies.

The managers of the sampled businesses will serve as a steering committee to determine which of the problems that surfaced most frequently should be selected as topics for an in-depth seminar or seminar series. The committee will also assist in selecting persons knowledgeable in the topic areas felt to be of highest priority.

"Marina Campground Rate Structure Survey"

This survey was the first of its type to be conducted in Illinois, in spite of the significant economic impact the private recreation sector has on the state. This applied research project will provide base line data for better operational and management decisions by marina campground operators. This project will be updated on a 3-5 year basis to provide comparisons and additional economic data.

"Campground Rate Structure Survey"

This survey was done as a five-year follow-up to a similar study completed in 1974. This applied research project was initiated to determine the current situation and the changes which have occurred in the intervening five years in the following areas:

- 1) The range of rates charged for basic campground facilities.
- 2) Rates charged for special services, such as utility hookups, swimming, riding, etc.
- 3) The reasons for and timing of raising campground rates.
- 4) Classification of services offered by various campground enterprises.
- 5) Data on operational items such as reservation policy, handling of pets, franchising and other problem areas.

Some additional economic data was added to the recent study which was not in the previous study and will provide an expanded data base.

National Study of the Impact of Cooperative Extension Service Recreation/Tourism/Hospitality (RTH) Programs

Illinois was one of ten states selected to participate in the above study. Mr. Espeseth conducted in-depth interviews with a selected number of private recreation enterprises and public agencies involved with providing services related to RTH. The study was prepared on a national basis to provide USDA and Congress with information on existing state extension programs, their effectiveness and impact on the recreation industry and the economic impact of this industry on the communities and regions in which they are located.

National Recreation Specialist Workshop

Mr. Espeseth served as the Chairman of the above workshop which was held at Lake Barkley, Kentucky, May 6-11, 1979. Sixty-two (62) recreation specialist from 28 states attended this workshop, the first one held in over six years. The program was broad and wide-ranging because of the diversity of interest areas represented by the group.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all entries are supported by appropriate documentation.

3. The following table provides a summary of the key findings from the audit.

Category	Item	Value
Assets	Property	100,000
Liabilities	Loans	50,000
Equity	Shareholders' Equity	50,000

4. The total assets are equal to the total liabilities plus equity, as expected.

5. The audit also identified several areas for improvement in the internal control system.

6. These include strengthening the segregation of duties and improving the documentation process.

7. The management has agreed to implement these recommendations by the end of the year.

8. The auditor has concluded that the financial statements are presented fairly.

9. The audit was conducted in accordance with the applicable auditing standards.

10. The auditor's report is intended to provide confidence to the users of the financial statements.

11. The auditor's fees for this engagement are as follows:

12. The total fee for the audit is 10,000.

13. The fee is payable in full upon completion of the audit.

14. The auditor's contact information is provided below.

15. The auditor's name is John Doe, and the contact number is 123-456-7890.

16. The auditor's email address is john.doe@audit.com.

17. The auditor's office is located at 123 Main Street, New York, NY 10001.

18. The auditor's website is www.audit.com.

19. The auditor's report is dated 12/31/2023.

20. The auditor's report is signed by John Doe, the auditor.

It was felt that most of the objectives of the workshop were met and other long range objectives are in the process of being accomplished. The initial evaluation of the workshop was very positive and follow-up evaluations will provide further indications relative to the success achieved. Recommendations were formulated which have been forwarded on to the State Directors and USDA—Washington.

North Central Regional Recreation/Tourism Interest Network

As a result of a long-range objective established at the North Central Regional Recreation Specialist Workshop, chaired by Mr. Espeseth, arrangements were made through the North Central Regional Center for Rural Development to initiate and fund the above Interest Network on a temporary basis. Mr. Espeseth served on the Coordinating Committee during the formative period of the Network and has continued to play an active role in the further progress of the Network. The two major areas of focus are Public Recreation and Commercial/Tourism. Mr. Humke and Mr. Espeseth represent ORPR and Illinois in the two areas respectively. The ultimate objective of the Network is to become recognized through the North Central Region as a permanent continuing operation, to produce regional publications, to conduct regional research and to foster regional recreation workshops.

Sea Grant Consortium

Illinois and Indiana are the only two states which border on the ocean or Great Lakes shorelines which are not involved in a national Sea Grant program. Mr. Espeseth has spearheaded the initial discussions between the University of Illinois and Purdue University, the land grant universities of the respective states, to determine if a consortium

arrangement can be developed. If Sea Grant assistance were available, these key Great Lakes states would be in a position to provide expanded research, education and marine advisory service to the general public and marine enterprises on and near the Lake Michigan shore.

This program will be carefully investigated and if administrative approval is obtained from the respective institutions, a formal program proposal will be submitted to the Sea Grant Office in Washington, DC.

Media Participation and Exposure

Many opportunities for recreation and leisure activities were aired during the different seasons of the year by the Outdoor Recreation Specialist. Fifteen radio tapes were made with Ag Communications for use on the Illini Actualities Series aired by 20 stations. Through the University News Service, nine tapes were prepared. One live TV appearance was made on WGN-TV Chicago and one TV tape prepared for "Extension People" carried on eleven (11) TV stations.

He has made a concerted effort to acquaint the citizens of Illinois with the excellent outdoor recreational opportunities available to them. He has tried through this media to assist in raising the "Tourism Image" of Illinois.

Department, College and University Committees

Department of Leisure Studies

- Member - Undergraduate Committee
- Member - Graduate Committee
- Member - Promotion and Tenure Committee
- Member - Department Advisory Committee
- Member - Social Committee

College of Applied Life Studies

- Alternate Member - Alleged Capricious Grading Committee

Cooperative Extension Service

- Member - State 4-H Camping Committee
- Member - Special Task Force on Community Resource Development and Public Affairs

University of Illinois

- Member - Natural Areas Committee
- Member - Allerton Park Improvement Committee

Professional Involvement

During 1978-79 the Outdoor Recreation Specialist was involved in the following workshops and continuing education activities:

"Going Into Business"

ORPR and Wisconsin Recreation Resource Center
Palatine, Illinois and Milwaukee, Wisconsin

"Risk Management"

Parks and Natural Resource Management Section,
Illinois Park and Recreation Association, Aurora, Illinois

"Enhancing Environmental Educational Opportunities"

ORPR and Office of Continuing Education-UIUC
Innovative Spring Happening, Peoria, Illinois

"County Level Delivery Systems"

Cooperative Extension Service-UIUC

"Tourism Opportunities in Southern Illinois"

Rend Lake Regional Association, Benton, Illinois

"State Trail Symposium"

Illinois Department of Conservation, Morris, Illinois

Major Speeches

"Information Dissemination Systems"

Seminar - Campground Research - 1980
Land Between the Lakes, Golden Pond, Kentucky

"Effective Use of Linear Recreationways"

Great Lakes Park Training Institute, Angola, Indiana

"Linear Recreationways"

Illinois Park and Recreation Conference, St. Louis, Missouri

"Tourism in Illinois"
Annual Meeting, McKee Creek Watershed Association
Mt. Sterling, Illinois

"The Park Practice Program"
National Park and Recreation Congress, Miami, Florida

"Campground Planning and Design"
Wisconsin Campground Operators Short Course
Wisconsin Dells, Wisconsin

Professional Offices

National Recreation and Park Association
Member - National Registration Board

National Society for Park Resources
Member - Board of Directors (1975-present)
Member - Nominating Committee
Member - Speakers Bureau

Illinois Park and Recreation Association
Member - Nomination and Elections Committee

Parks and Natural Resource Management Section (IPRA)
Past Director - Section
Chairman - Nominating Committee

Soil Conservation Society of America
Chairman - Outdoor Recreation Division, Illinois Chapter
Member - Board of Directors, Illinois Chapter
Member - Land Use Division, Illinois Chapter
Nominated for National Vice Chairman, Outdoor Recreation Division

Awards

Illinois Park and Recreation Association - Board Service Award
Parks and Natural Resource Management Section - Special Service Plaque

Civic Service

Champaign County Forest Preserve District
Member - Board of Commissioners (1974-present)
Board Vice President (1976-present)

Green Meadows Girl Scout Council
Member - Council Board (1975-present)

THERAPEUTIC RECREATION SECTION

A summary of activity for the ORPR Therapeutic Recreation Specialist during 1978-79 is best described through the use of three major categories. These are: 1) Information Development Dissemination and Consultation; 2) Research and Demonstration Projects; and 3) Professional Involvement and Development. A brief summary of activity within each is presented on the following pages.

Information Development, Dissemination and Consultation

Research Into Action: Applications for Therapeutic Recreation Programming

The second volume of this new series was completed during the 1978-79 year. Research Into Action takes acknowledged research studies, summarizes the methodology and results and then applies the findings to therapeutic recreation programming. This series hopefully will meet a definitive need of transmitting a knowledge base to practitioners. A third volume is scheduled for 1979-80. Orders for Volume I increased significantly during the year as people became familiar with this new publication.

Consultation

Consultation regarding programs, procedures and administrative problems is an ongoing function of the Therapeutic Recreation Specialist. One major consultative project has been completed this year, titled: Comprehensive Leisure Service for Physically Handicapped in the Greater Peoria Area: A Leisure Needs Assessment, Resource Identification and Service Model Proposal. The Easter Seal Society of Peoria had requested a new program feasibility study and the development of a model program. This work was completed during the 1978-79 year. The Peoria Easter Seal Society accepted the study and the

proposed program. Plans are now underway to refine the planning, hire personnel and implement the program. The ORPR Therapeutic Recreation Specialist will be an ongoing consultant to this project.

Consultation services were also provided to: The American Foundation for the Blind in New York regarding, "Development of Curriculum Materials - Integrating the Visually Impaired Into Ongoing Recreation Programs" and Tri-County Regional Planning Commission in Peoria, Illinois regarding "Community Awareness of Needs of Handicapped."

Consultation regarding programs, procedures and planning are often requested by individuals representing agencies. The Therapeutic Recreation Specialist has provided services to two such individuals this year. Consultative services were provided to: Jim Mueller of George Washington University in Washington, DC concerning the writing of a technical manual related to accessibility for the physically handicapped, and Bill Zion of the City of Chicago regarding the design of a playground for the handicapped.

Research and Demonstration Projects

Identification and Validation of Entry Level Therapeutic Recreation Competencies

This study was undertaken to identify minimum entry level therapeutic recreation competencies for the National Therapeutic Recreation Society and to validate them through the use of a questionnaire administered at the various regional Therapeutic Recreation Symposia. The revised competencies were adopted by the National Therapeutic Recreation Society. The project was completed in December, 1978.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 350

LECTURE 1

1.1. Introduction

1.2. Kinematics

1.3. Dynamics

1.4. Energy

1.5. Momentum

1.6. Angular Momentum

1.7. Oscillations

1.8. Waves

1.9. Relativity

1.10. Quantum Mechanics

1.11. Statistical Mechanics

1.12. Thermodynamics

1.13. Electromagnetism

1.14. Optics

1.15. Modern Physics

1.16. Cosmology

1.17. Astrophysics

1.18. Particle Physics

1.19. Nuclear Physics

1.20. Biophysics

1.21. Environmental Physics

1.22. Earth and Planetary Physics

1.23. Atmospheric and Oceanic Physics

1.24. Space Physics

1.25. Plasma Physics

1.26. Fluid Dynamics

1.27. Solid State Physics

Survey of Therapeutic Recreation Undergraduate and Graduate Curricula

This study was developed to determine the current state of therapeutic recreation professional preparation programs throughout the nation. The study investigated numbers of students at the various levels (undergraduate, master's and doctoral), the nature of curriculum content and requirements, numbers and qualifications of faculty. The study was completed and published during 1978-79.

Professional Involvement and Development

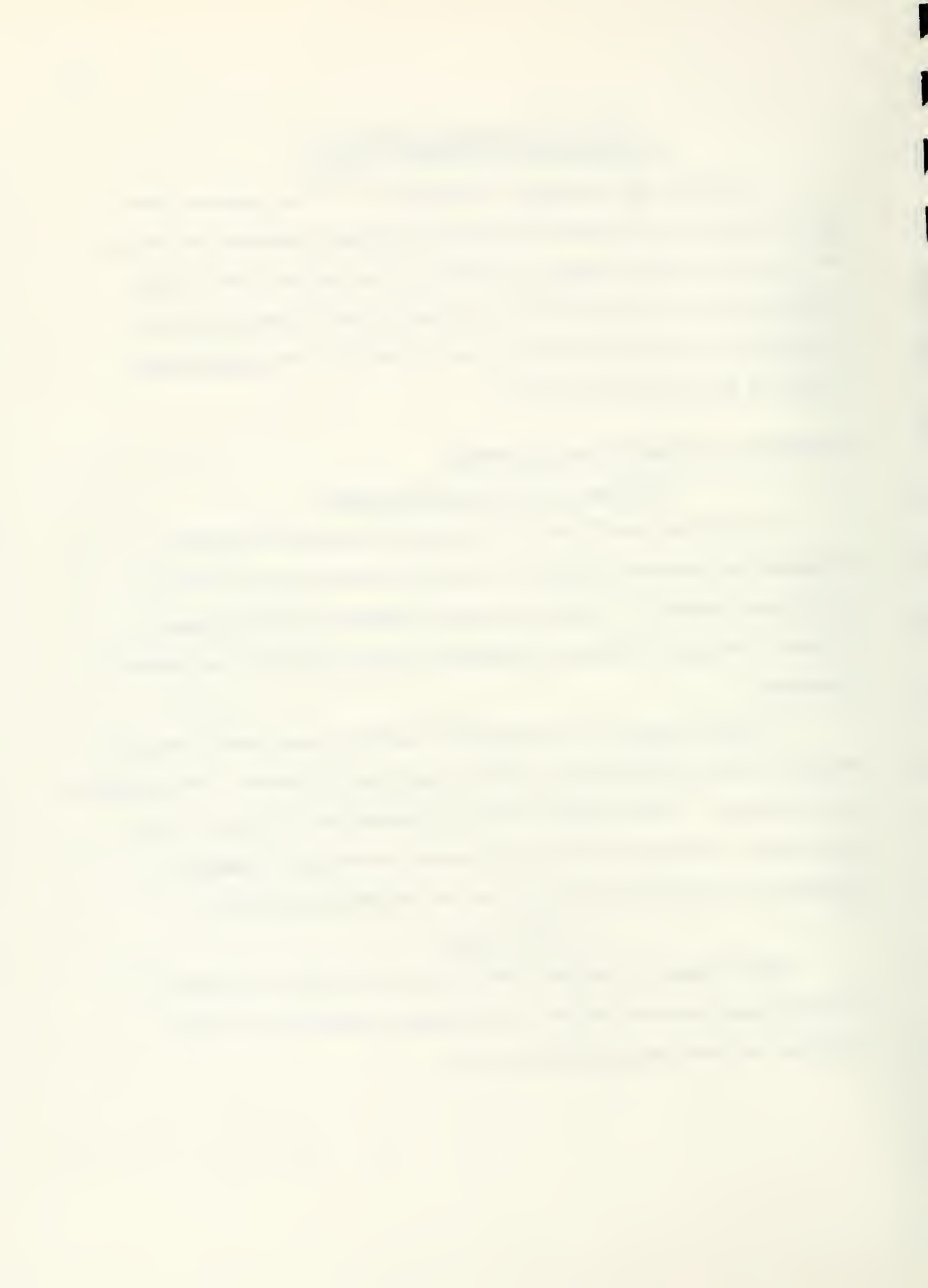
Workshops, Institutes and Speeches

During the 1978-79 year, the Therapeutic Recreation Specialist presented twenty-three workshops and institutes (three hours or more of participant training). The most frequently requested topics presented included: Program Planning and Evaluation, Activity Analysis, and Leisure Counseling.

Thirteen speeches and presentations were delivered during the year. The topics varied considerably, among them were the following: "Accreditation and Recreation," "Leisure Needs of Special Populations," "Images of Work and Leisure," "The Right to Risk," "Assessment Techniques in Therapeutic Recreation," and "Positive Addiction and the Recreation Experience."

Short Courses

Short courses in Program Planning and Evaluation in Therapeutic Recreation were presented at New York University, University of North Carolina, and North Texas State University.



Professional Involvement

The ORPR Therapeutic Recreation Specialist has maintained an active role in the National Therapeutic Recreation Society. During the year she chaired the Curriculum and Professional Preparation Committee, and served on the Selection of Therapeutic Recreation Site Visitation Team Selection Committee. She was elected to a three-year term as the Board of Directors of the Illinois Therapeutic Recreation Society in the fall of 1978.

The above activities are highlights of the 1978-79 year. Ongoing activities not mentioned include technical assistance, general information and dissemination, teaching and advising within the Department of Leisure Studies and serving on department, college and university committees.

PUBLICATIONS BY STAFF MEMBERS

ORPR Publications

Lowrey, George, Jr., and Rose, Phillip E., (Eds.). Research Digest for the Professional, Winter 1978-79. Office of Recreation and Park Resources, University of Illinois, Champaign, IL.

Peterson, Carol Ann and Newmeyer, Ellyn. Research Into Action: Applications for Therapeutic Recreation, Vol. II. Office of Recreation and Park Resources; Cooperative Extension Service, University of Illinois, Champaign, IL, Summer 1978.

Books Authored

Gunn, Scout Lee and Peterson, Carol Ann. Therapeutic Recreation Program Design: Principles and Procedures. Englewood Cliff, N.J.: Prentice-Hall, Inc. 1978.

Peterson, Carol Ann and Carter, Marcia Jean. Professional Preparation in Physical Education and Recreation for the Handicapped. Michigan State University, East Lansing, MI. 1978.

Peterson, Carol Ann and Connolly, Peg. Characteristics of Special Populations, Implications for Recreation Participation and Planning. Washington, D.C., Hawkins and Associates, Inc. 1978.

Chapters in Books Authored

Peterson, Carol Ann. "Observing, Assessing and Recording Client Behavior," Proceedings: 10th Annual Therapeutic Recreation Institute. Pennsylvania Recreation and Park Society. Johnstown, Pennsylvania. Fall 1978.

Peterson, Carol Ann and Newmeyer, Ellyn. "Accreditation in Therapeutic Recreation," Expanding Horizons in Therapeutic Recreation, VI. University of Missouri; Technical Educational Services. 1979.

Articles

Brademas, D. James. "Which Job Candidate Is Right For You?," Parks and Recreation. February 1979.

Brademas, D. James. "The Personnel Assessment Center: A Case Study, Peoria, Illinois," Parks and Recreation. Accepted for Publication in the October 1979 issue.

Brademas, D. James and Bannon, J.J. "An Evaluation of An Experimental Management Development Training Program for Community Leaders," Submitted July 18, 1979 to The Journal of the Community Development Society of America.

Articles (continued)

Espeseth, Robert D. "University Out-of-Doors," Journal of Physical Education and Recreation. September 1978. pp. 58-59.

Espeseth, Robert D. "Land Between the Lakes: An Environmental/Recreational Education Laboratory." Journal of Soil and Water Conservation 34. May-June 1979. pp. 148-9.

Humke, Robert P. "Leisure Service Provisions of Illinois Municipalities," Illinois Research. Fall 1978.

Humke, Robert P. "Leisure Service Expenditures in Illinois Municipalities," Illinois Municipal Review. September 1978.

Kurtz, Margot and Peterson, Carol Ann. "Steps and Procedures Involved in the Development of a Generic Code of Competency Based Undergraduate Recreation Courses." Submitted to Journal of Leisure Research, February 10, 1978.

Other

Brademas, D. James. "An Evaluation of A Management Development Training Program," Research Update, Parks and Recreation. December 1978.

Espeseth, Robert D. "Information Dissemination Systems," Campgrounds and Camping 1980. Proceedings of Conference held at Land Between the Lakes Tennessee, July 1978. pp. 72-80.

Espeseth, Robert D. "Linear Recreation Concepts," Proceedings of the 33rd Annual Great Lakes Park Training Institute. Indiana University, June 1979. pp. 65-72.

Espeseth, Robert D. "County Fairgrounds: Their Recreation Potential," Research Update, Parks and Recreation. December 1978.

Humke, Robert P. "Planning Community-Wide Special Events," Research Update, Parks and Recreation. December 1978.

APPENDIX A

LONG RANGE PLAN
OF
THE OFFICE OF RECREATION
AND
PARK RESOURCES

May 1979

INTRODUCTION

The Office of Recreation and Park Resources fulfills a long standing commitment within the Department of Leisure Studies. Its purpose is the improvement of the leisure service system in the state of Illinois. Improvement may be characterized by the development of new knowledge, techniques and procedures or by increasing the knowledge of personnel currently delivering services. This mission is accomplished through a multi-faceted network of activities and projects encompassing applied research, demonstration projects, the development and dissemination of the information resources and materials, consultant services and technical assistance, and the provision of continuing education opportunities. The recipients of these services include: students in the Department of Leisure Studies; public park and recreation professionals; voluntary and health agency personnel; cooperative extension service personnel; private leisure enterprise personnel; volunteers, lay leaders and citizens; and faculty and staff of educational institutions. The current five specialists utilize the massive resources of the University to address the needs of personnel and agencies concerned with leisure service systems. At present the five specialists include the Chief of the Office of Recreation and Park Resources, the Outdoor Recreation Specialist, the Educational Resources Specialist, the Community Recreation Specialist, and the Therapeutic Recreation Specialist. These specialists cover the entire State of Illinois in offering continuing education and public service programs in the respective specialty areas. Other areas of vital concern to the state are not being adequately addressed.

The ultimate objective of the proposed expansion program is to make a significant impact in the generation and dissemination of new knowledge in five specific areas of concern. The five areas are:

- 1) Therapeutic Recreation
- 2) Tourism and Commercial Recreation
- 3) Continuing Education for the Leisure Services Profession
- 4) Environmental Education
- 5) Urban Leisure Services

Specifically, the objectives in these five areas include: 1) the development of research, teaching and service in the leisure services fields of therapeutic recreation, tourism and commercial recreation, 2) the systematic develop-



ment of personnel standards for the leisure services profession, 3) the development of a research, teaching and service resource base for environmental education, 4) the development of a multi-state service network aimed at identifying urban recreation needs and developing programs to meet those needs, and 5) the dissemination of the products of the specialists to practitioners, students and other interested clientele.

The specific areas of concern listed above encompass a diverse range of topics calling for an expansion of the services of the Office of Recreation and Park Resources. The final products and output of these new efforts will provide data for dissemination through varied publications including journals, magazines, manuals, monographs, and classroom instruction. Other opportunities for dissemination of knowledge will be afforded through workshops and seminars.

Individually each of the areas of concern outlined above offers its own unique impact in teaching, research and public service. Collectively the impact on these three University missions is quite significant. Tourism is a multi-billion dollar industry which has been little tapped in Illinois. Its development will impact on many private and public sectors and offers a rich resource for leisure studies graduates, a resource relatively unused at this time. The opportunities for research with both private and public agencies have not been extensively pursued but are available. It is recognized that the Leisure Behavior Research Laboratory has requested a new faculty member who will study the impact of commercial recreation on the leisure behavior patterns of people in various socio-economic levels. The tourism Specialist requested by the Office of Recreation and Park Resources would work closely with the Leisure Behavior Research Laboratory faculty member in the design, conduct and dissemination of research. The transfer of knowledge of the tourism field is immediately applicable in leisure studies courses. Private industry, in particular, would be most receptive to new developments in tourism in Illinois.

A second major area of interest is in continuing education for the leisure services profession. The Chief of the Office of Recreation and Park Resources would assume primary responsibility for this area of interest. The concern for the development of improved personnel standards for the leisure profession is evident both on the state and national level. There are approximately 1000 professional members of the Illinois Park and Recreation Association working in approximately 500 public park and recreation agencies in the



state. Very little research has been done on personnel standards although interest among the profession is quite high. The results of such research could be immediately applicable in both undergraduate and graduate professional courses in leisure studies. The practitioner in the field would welcome training in the process of upgrading professional personnel standards. Essentially the same case may be made for significant impact in teaching, research and public service in the other three areas of concern mentioned above -Therapeutic Recreation-Environmental Education and Urban Leisure Services.

The stated purpose of ORPR is the improvement of the leisure service system in Illinois. While a major thrust in this endeavor is toward practitioners currently delivering services, new knowledge, techniques and procedures developed by the specialists are also made available to the on-campus student through teaching. Applied research results and all materials and resources developed can be directed immediately into the professional preparation program. In addition there will be extensive opportunities for undergraduate and graduate students to assist with on-site operations and thus "learn by doing," as well as benefit from association with both faculty and practitioners. The addition of a tourism and commercial recreation specialist, for example, adds expertise to the staff which is currently not available to students or practitioners.

Finally, this proposal represents a significant advancement in the activities of the office. The implementation of this proposal places ORPR at the leading edge in the United States for development and dissemination of knowledge of critical importance to the field of parks and recreation. The resources requested for the implementation of this proposal are essential to the continued growth and position of leadership of the Office of Recreation and Park Resources.

PROGRAM PROPOSALS

1. Therapeutic Recreation Evaluation Center
2. Tourism and Commercial Recreation Development
3. Development of Job Descriptions for the Recreation and Park Profession in Illinois
4. Development of Standardized Evaluative Instruments for Registration and/or Certification for Recreation and Park Personnel
5. Regional Center for Urban Recreation Resource Development
6. Environmental Education Center

CONSTITUTIONAL PROVISIONS

The Constitution of the United States provides for a system of checks and balances among the three branches of government. The Executive branch is headed by the President, the Legislative branch by Congress, and the Judicial branch by the Supreme Court. Each branch has specific powers and responsibilities, and they all work together to ensure the stability and integrity of the nation.

Program Title: Therapeutic Recreation Evaluation Center

Purpose: To develop an evaluation center which will generate evaluation models, techniques, procedures and information for practitioners.

- Goals:
1. To develop an evaluation model for therapeutic recreation programs.
 2. To develop and disseminate written materials regarding evaluation.
 3. To plan and conduct workshops related to evaluation techniques and procedures.
 4. To provide consultation and technical assistance.
 5. To serve as a clearing house for current evaluation information and efforts throughout the country.
 6. To monitor new developments in the field of evaluation for possible utilization in therapeutic recreation.

Nature and Scope:

The establishment of a Therapeutic Recreation Evaluation Center provides a national focal point for both the development of techniques for evaluation as well as the dissemination of information regarding these procedures. The primary emphasis will be on the generation of evaluative models and techniques appropriate for use in therapeutic recreation. The secondary purpose being that of a general clearinghouse.

The Evaluation Center logically encompasses three (3) major divisions each with distinct functions but with overlapping concerns and activities. The three major divisions are: (1) Development of Appropriate evaluation methodologies; (2) Instruction and dissemination; (3) Resource Center.

Evaluation is a highly advanced concept in technology and requires a definitive expertise. The center, by nature of its concentrated focus on this area, should be able to synthesize and simplify vast amounts of knowledge for immediate application. The commitment is to the practitioner, although it would be expected that educational institutions would use its materials in professional preparation programs. In addition, information

would be exchanged and shared with other areas of leisure studies.

External funding will be sought for the establishment of the center and its operation for a three-year period. The center's activities will be monitored and evaluated for their impact. Formative and summative evaluation will provide the data for decision-making regarding improvement of its own activities and decisions for its future continuation.

Procedures/Implementation:

The procedures of the project program can be best broken down by goal.

1. Develop an evaluation model appropriate for practitioner use in internal Therapeutic Recreation program evaluation.
 - Review of literature related to current models and their appropriateness.
 - Selection of a model for revision and development
 - Development of the model including field testing
2. Develop and disseminate written materials related to evaluation in Therapeutic Recreation.
 - Develop curriculum modules related to TR program evaluation for use in University Curricula.
 - Develop a manual to describe the use of the model generated in goal #1.
3. Plan and conduct workshops to train personnel to use the developed model.
 - Plan and conduct 2 day workshops in different parts of the country. Estimate 24 workshops with 40 participants each.
 - Plan and conduct training workshops for Therapeutic Recreation Educators related to evaluation procedures.
4. Consultation and Technical Assistance
 - Develop resource files and collect materials
 - Announce the availability of consultation and technical assistance services through the Centers program.
5. Clearing House for current evaluation efforts within the field
 - Solicit information regarding current evaluation efforts by TR agencies and institutions of higher education.
 - Develop a format for transmitting this information to professionals.
 - Establish a newsletter for general information dissemination.
6. Monitor new developments in the field of evaluation research.
 - Establish a procedure for systematically reviewing the literature in evaluation research.



- Subscribe to various newsletters and information bulletins.
- Follow through on obtaining more indepth material and information regarding evaluation efforts which may be appropriate and useful in TR program evaluation.

Products/Output:

The products or outcomes of the Center's activities will include the following:

1. New Evaluation Models and Techniques
2. Written Materials: manuals, monographs, articles and modules for training.
3. Instructional Strategies for effective and efficient training related to evaluation.
4. Communication Newsletter
5. Information Packets
6. Practitioners Trained in Evaluative Techniques

Impact:

Practitioners in the field have expressed the need for information and training related to evaluation. The Therapeutic Recreation Evaluation Center is the first identified effort at systematically and comprehensively addressing this concern. Six thousand (6,000) people are currently registered with N.T.R.S. and thus receiving some form of communication from N.T.R.S., the official society of the profession. Through articles in the official publications of this organization, these identified 6,000 could receive the benefits of the Center's Activities.

The project proposes to conduct 30 workshops to train individuals in the exact techniques of the Center's major thrust - an evaluation model. Through this effort, it is projected that 1,500 practitioners will have received training in specific depth to conduct one form of evaluation on their own therapeutic recreation programs.

Eighty-eight (88) colleges and universities provide therapeutic recreation curricula. The center proposes to provide training and written materials to Therapeutic Recreation educators. Current statistics indicate that 2,000 (1,500 undergraduate and 500 graduate) students potentially could receive information and training through the Center's activities.

The above impact statements refer to dissemination of information and training opportunities. The ultimate, although indirect, impact, is on clients

receiving therapeutic recreation services. It is expected that the Center's activities will provide one mechanism for the improvement of programs and, thus, clients will receive a high level of service with accountability.

Funding:

This project will utilize external funding. Bureau of Education for the Handicapped funds have been solicited. A grant proposal requesting \$66,000 per year for 3 years has been submitted. In addition, University of Illinois resources are requested as identified below:

- space allocation
- 20% of Project Director's salary
- expertise of Evaluation Specialists and centers at the University

If obtained, this grant will support one full time project coordinator at the assistant professor level. This individual, in addition to project responsibilities, will develop and teach courses at the undergraduate and graduate level in the Department of Leisure Studies.

Three half-time graduate assistants are being requested in the proposal. A full time secretary is included in the grant.

The project is relatively self supporting and will in reality contribute resources to the Department of Leisure Studies and College of Applied Life Studies.

The complete BEH Project Proposal is available upon request from Dr. Carol Peterson.

Budget - Grant Request:

	YEAR		
	79-80	80-81	81-82
Project Coordinator	\$22,000		
3 - 1/4 time Grad. Assistants	12,285		
Clerk Steno III	8,000		
Travel	7,500		
Supplies & Other	4,500		
TOTAL*	\$54,285		

*Note: This is a 3 year continuation budget.

Program Title: Tourism and Commercial Recreation Development

Purpose: To develop a program of teaching, research, and service in the leisure services field of Tourism and Commercial Recreation.

Goals:

Research

1. Ascertain the scope of this multi-billion dollar industry and develop extensive contacts within it for further investigations.
2. Identify information and research needs of the industry and its many subunits which may be met through the vast resources of the University.
3. Analyze the job opportunities within the industry both as to scope and to specific competencies job seekers must have or acquire.

Service

4. Utilize the resources of the University through multi-disciplinary efforts to research and develop answers needed by the tourism and commercial recreation field.
5. Develop and disseminate information on operations and procedures for existing businesses and on initiating new commercial recreation enterprises.
6. Explore means of creating a greater tourism market in Illinois and the Great Lakes Region in general.
7. Develop specific courses and inter-disciplinary curricula to prepare graduates for the tourism and commercial recreation field.
8. Teach a course or courses specifically designated for students with an emphasis in tourism and commercial recreation.
9. Design and conduct workshops and seminars to upgrade operational knowledge of practitioners in the field.

Nature and Scope:

The tourism and commercial recreation field has long been viewed as the base of the iceberg in leisure services. It has been estimated that 80% of American expenditures for leisure and recreation are made in the commercial area including travel and tourism. The insistence of our vocationally oriented programs upon preparation primarily for the public and semi-public fields can only be attributed to a lack of knowledge about and an inability to relate to the profit making nature of tourism and commercial recreation. Only through concentrated effort at understanding and the ability to be of service to this industry will we open the doors to the vast potential therein.

Procedures/Implementation:

This proposal represents a new direction of development but one that is long overdue. It logically consists of three steps 1) "Getting a handle" on the field as to types of agencies, locations, members and the people within the broad industry who are knowledgeable contacts 2) Developing a way through research, publication education and information dissemination whereby we can serve them and ultimately through them the public at large and 3) developing educational programs for students related to this growing field. While number 1) is essentially the first step both 2) and 3) overlap and interrelate. Specific procedures are:

1. Acquire the necessary expertise, which is short on supply within existing staff. This would require a Tourism and Commercial Recreation Specialist.
2. Design a program for thorough analysis of the field of tourism and commercial recreation.
3. Determine areas of initial thrust and a time line schedule for carrying out specific objectives
4. Develop resources and communication on campus for an interdisciplinary effort.

Impact:

The impact of specifically oriented applied research is difficult to assess. However, the area we are targeting is vast. The leisure business is conservatively estimated at 350 billion dollars annually. In tourism alone the number of foreign visitors for 1977 was over 20 million people and they spent 7.2 billion dollars in this country. The prime ports of entry and

certain geographical sections of the country benefited most as they do with our own domestic travelers but with enlightened effort more of that market could be in Illinois. The energy crisis, on the horizon, could seriously curtail the documented high outmigration of Illinois citizens for their travel. This would indicate a need for greater efforts at meeting their needs close to home. In both cases, or in either case, this segment of leisure services means dollars and jobs.

On the latter, jobs, there are currently over 29,000 students in approximately 300 curricula in the United States. Recent studies have revealed that the number of available positions in our traditional market of public parks and recreation cannot possibly meet the demand. Other job markets are necessary and desirable. A well developed professional preparation program for the tourism and commercial recreation field could serve as a model for many other institutions, open the door for our future students and serve the leisure business field as well.

Improved commercial recreation services benefit the public, provide jobs for graduates, and improve economic conditions. We can only imagine the full impact of this field with a greater insight into the nature, scope, and opportunities which can be acquired only through full-time devotion and application of a specialist in the field. There is much material currently but it must be collected, sifted, utilized and added to in a systematic way.

Conversely, if we do not address this problem we face decreased enrollments as more and more graduates fail to find positions. The current situation can only be aggravated by concerted efforts of citizens to reduce government spending which will directly curtail many public parks and recreation systems. As affluent americans turn to the private and commercial sector even more can we afford not to be ahead of them? Must we always be reactive or can we look ahead and begin to regear for the probable future?

Funding:

This program must initially be funded internally but, as it begins to develop, should be able to generate external funding for research and services. The external funding could come from both public (federal agencies) and private sources. A few possibilities are:

- Cooperative Extension Service
- Illinois Office of Tourism
- U.S. Forest Service

Bureau of Land Management
 National Park Service
 Heritage Conservation and Recreation Service
 Corps of Engineers
 U.S. Travel Service

All of the above are governmental agencies some of which manage over 700 million acres of land much of which is impacted by tourism and periphery commercial development. They are constantly seeking a greater understanding of their market, improvement in their management and new or better ways to serve. The federal dollar is not quite so liable to the tax revolt but if it were these agencies are in a better position to document their essential nature and justify their expenditures. Some of the others above are government agencies specifically charged with coordinating, analyzing and promoting tourism and leisure services.

In addition funding may come from:

Industry

International Association of Amusement Parks and Attractions

Outdoor Sports Associations (i.e. National Ski Association)

Various recreation enterprises individually and through their national associations

As profit oriented enterprises they see value in funding programs which will improve their services and increase their markets and thus generate greater profits.

Budget

	YEAR				
	80-81	81-82	82-83	83-84	84-85
Tourism Specialist	\$22,000				
Information Dissemination Specialist (1/4)	5,500				
1/2 time Grad Assistant	4,100				
1/2 time Grad Assistant		4,200			
1/4 time Clerk-Steno III	2,000		2,205		
Expenses	1,275	475		50	100
Equipment	1,250	250	250	250	250
TOTAL	\$36,125				

Program Title: Development of Job Descriptions for the Recreation and Park Profession in Illinois.

Purpose: To develop comprehensive job descriptions for the recreation and park profession which may be used as models for adoption by various leisure service agencies in Illinois.

- Goals:
1. To develop written job descriptions for professional level and technician level personnel in recreation and parks in the following occupational specialities:
 - Administration
 - Recreation Programming
 - Therapeutic Recreation
 - Park/Resource Management
 2. To prepare a publication of the job descriptions as a model for adoption by leisure service agencies.
 3. To disseminate the model job descriptions to the leisure service agencies in Illinois.
 4. To use the model job descriptions as a base for the development of standardized examinations for recreation and park professionals and technicians.

Nature and Scope:

The primary emphasis of this study will be the development of job descriptions at the professional and technician levels for currently identified positions in public leisure agencies in Illinois. There does not exist currently a standardized, systematic procedure for conducting job analysis in the State of Illinois among public leisure service agencies. The development of such a procedure leading to comprehensive job descriptions would identify job related competencies which is essential to the personnel management and function. The results of this project would also serve as a prelude to the development of standardized examinations for registration of recreation and park personnel. The development of standardized examinations will be an outcome of this project and is detailed in the following proposal.

Procedures/Implementation:

An overview of implementation procedures to meet the above stated goals will generally include:

- An examination of job analysis procedures.
- A review of pertinent materials relating to job analysis.
- The securing of funding and personnel to carry out the project.
- The development of procedures for input by professional and technical personnel.
- The development of job descriptions for recreation and park personnel in professional and technician categories.

Products/Output:

The products or outcomes of the project will include the following:

- The development of a systematic procedure for carrying out job analyses.
- The development of model job descriptions for use by leisure service agencies.
- The training of practitioners in systematic procedures of conducting job analyses.
- The development of baseline information for the construction of standardized examinations for recreation and park personnel.
- The development of procedures which will be used for instructional purposes in professional courses in the Department of Leisure Studies.

Impact:

The concept of professionalizing the leisure services field encompasses many dimensions. At the core is a knowledge and understanding of current and perceived job related competencies. These serve as a basis for major endeavors, including:

- accreditation standards in academic preparation programs
- potential revision and professionalization of park and recreation Federal Civil Service series, with implications for state and local civil service requirements
- development of national registration/certification examinations, and possible future licensing.

The development of comprehensive Job Descriptions will enhance the possibility of defining more precisely areas of specialization; further, and of critical importance, identification of common features or competencies that are the common core of our diverse field.

In the State of Illinois there are some 500 public agencies offering leisure services. Professionals in the field, both individually and through the Illinois Park and Recreation Association, have expressed the need for model

job descriptions and for training in how to conduct job analyses. This project will provide some guidelines and will offer the opportunity for training professionals in the process of job analysis.

Funding:

This project will require external funding. One primary source of funding is through the Intergovernmental Personnel Act Statewide Program.

Budget:

	YEAR				
	80-81	81-82	82-83	83-84	84-85
Information Dissemination Specialist (1/4)	\$ 5,500				
1/2 time Grad Assistant	4,100				
1/4 time Clerk Steno III	2,000		2,205		
Expenses	1,275	475		50	100
Equipment	1,250	250	250	250	250
TOTAL	\$14,125				

Program Title: The Development of Standardized Evaluative Instruments for Registration and/or Certification for Recreation and Park Personnel.

Purpose: To develop a set of standardized examinations which will aid in the identification of individuals who are most likely to possess to the highest degree those traits deemed necessary or valuable in achieving success in a particular job category.

Goals:

1. To develop standardized examinations for professional level and technician level personnel in the following occupational specialities:
 - Administration
 - Recreation Programming
 - Therapeutic Recreation
 - Park/Resource Management
2. To establish a model procedure for the development and construction of standardized examinations.
3. To develop an objective procedure for the measurement of those individual differences which relate to job requirements.
4. To contribute in a significant way to the establishment of personnel standards for recreation and park personnel.
5. To make such examinations available to the Illinois Park and Recreation Association for use in its registration process for recreation and park professionals.
6. To share results with the National Recreation and Park Association and other state recreation and park associations theory about the county.

Nature and Scope:

The development of standardized examinations for registration and/or certification for recreation and park professionals has been a long sought goal of the Illinois Park and Recreation Association and the National Recreation and Park Association. The primary emphasis of this study will be on the

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 354

LECTURE 1

STATISTICAL MECHANICS

LECTURER: JOHN H. COLEMAN

DATE: 1950

TOPIC: THE CANONICAL ENSEMBLE

1. INTRODUCTION

2. THE PARTITION FUNCTION

3. THERMODYNAMICS

construction of examinations for positions currently identified in leisure agencies in Illinois. The secondary emphasis will be on sharing results with other state associations and the National Recreation and Park Association for use as guidelines for the further development and refinement of procedures and examinations.

Products/Output:

The products or outcomes of the project will include:

1. The development of a systematic procedure for the construction of examinations.
2. The publication of model examinations for use by the Illinois Park and Recreation Association and other qualified groups.
3. The training of practitioners in the construction of examinations.
4. The development of procedures which will be used for instructional purposes in graduate level courses in personnel management in the Department of Leisure Studies.

Impact:

The National Recreation and Park Association has taken a significant step in establishing professional standards for the qualification of professional recreation personnel by adopting a national plan for registration. The purposes of the registration plan are:

1. To clearly identify leaders engaged professionally in organized recreation.
2. To establish minimum professional standards for leaders in recreation.
3. To certify to the qualifications by training and experience of those recreation professionals who voluntarily wish to become registered.
4. To afford a guarantee to employers that registered personnel have attained certain educational and experience qualifications.

The Registration Plan for recreation personnel is a voluntary plan and has no legal aspects attached to it. It is essentially a movement by the members of the Association to improve their professional stature by voluntarily subscribing to meet certain minimum requirements of experience and education.

The plan calls for a voluntary registration examination to be taken within six months of the receipt of an application for registration. The examinations are to be designed to test or demonstrate the possession of the capabilities required in recreation/park speciality occupations. One part of the examination is to be directed to the applicant's understanding of the role of recreation and park services in the lives of people; the second part of the examination is to be directed to the particular occupational speciality in which the applicant is or wishes to be employed.

In 1976 the NRPA National Registration Board conducted a national survey to determine the status of examination programs as well as opinions about future directions of the examination process. A total of 26 survey forms were returned representing 24 states and two NRPA branches. Half of the respondents (13 of 26) indicated current use of examinations, however only two states reported statistical validity and reliability. Of the 13 respondents reporting no current examination, 8 were working toward the development of our examination. It appears the large majority of respondents (21 of 26) use or will use the examination.

Efforts at the national and state levels for the development of examinations have been sporadic, primarily because of the lack of personnel and funding. There is an intense interest in the State of Illinois for the development of examinations. Illinois has long represented a powerful force in professionalism due to the influence of the Department of Leisure Studies at the University of Illinois, the high educational level of recreation and park professionals in the state and the strength of the governmental status of park districts. This project represents a pioneering effort in furthering professional standards and would place the Department of Leisure Studies and the Office of Recreation and Park Resources on the leading edge in the field.

Funding:

This project will require external funding. One primary source of funding is the Intergovernmental Personnel Act Statewide Program.

University of Illinois resources will include:

Specialist in Research and Evaluation (1/4 time)	\$5,500
Graduate Assistant (1/2 time)	4,100
Clerk Steno III (1/4 time)	2,000
Travel	1,000
Supplies and Materials	500
Telephone	200

Program Title: Regional Center for Urban Recreation Resource Development

Purpose To develop a 13-state service network aimed at identifying specific urban recreation needs and for mobilizing efficient resource allocations for helping to alleviate these needs.

- Goals:
1. To identify, maintain and update research efforts relating to urban recreation.
 2. To identify a wide range of public and private resources which could be brought to bear upon urban recreation problems in the 13-state region.
 3. To develop action models for bringing diverse resources to bear against urban recreation inequities.
 4. To serve as a clearinghouse for information and studies on urban recreation which could enhance teaching and research efforts as well as service opportunities.
 5. To coordinate Cooperative Extension Service efforts in urban recreation within the 13-state North Central Region.
 6. To serve as an information center and catalyst for urban students, especially minorities, who have potential interest in leisure services as a career field.

Nature and Scope:

Little attention has been given in the past to the special recreation and leisure needs of urban residents, especially the poor and disadvantaged minorities. For the past decade, dramatic changes have been occurring in the delivery of social and human services to poor and disadvantaged people. For too long, however, leisure service has concentrated on a narrow interpretation of its function in serving these people. It has tended to rely on facility-based programming, with little recognition of and coordination with a broad range of human service needs and delivery systems. It has also accomplished relatively little in the education and training of urban indigenous leaders, leisure service paraprofessionals, and the "re-education" of present agency staffs. Many studies, made by public and private organizations, have documented the urban recreation problem, and several have suggested specific actions. However, little has been done to date to alleviate the identified inequities.

A 13-state regional network already exists in the Cooperative Extension Service, with the North Central Regional Office at Iowa State University in Ames serving as headquarters. The Cooperative Extension Service of the U.S. Department of Agriculture has as one of its expressed functions Community Resource Development thrusts into urban communities. This effort can exemplify such a thrust.

Within the University of Illinois are great resources for studying and responding to problems posed by the North Central Region's urban centers. Among them are the University's Departments of Urban and Regional Planning, Architecture, Landscape Architecture, Leisure Studies, Sociology, and Economics, along with the varied units of the College of Fine and Applied Arts, and the Institute of Government and Public Affairs.

The Office of Recreation and Park Resources can act as a link and catalyst among these resources. Moreover, its past efforts in urban recreation, and "track record" of varied extension services to a wide variety of clientele enhance its credibility as a suitable location for the Center.

Procedures/Implementation:

1. Through North Central Region Cooperative Extension Service Center, inform other colleges and universities within region of intent to establish Center for Urban Recreation Resource Development (CURRD).
2. Utilizing resources of Regional Cooperative Extension Center, and with official backing of other colleges and universities in region, make application for temporary funding of an Urban Affairs Specialist through USDA or combination of Extension and other federal programs.
3. ORPR retain Evaluation and Research Specialist.
4. Evaluation and Research Specialist collect and organize urban recreation research and model program data.
5. Urban Affairs Specialist establish recreation resource identification system for each urban area in North Central Region.
6. CURRD develop and implement action models in selected urban areas.
7. CURRD develop and implement educational programs for wide range of institutions, organizations and individuals involved in leisure service aid to urban areas.

8. CURRD provide resources for urban leisure courses taught at colleges and universities within Region.

9. CURRD develop and implement urban minority student recruitment program for Region colleges and universities with leisure studies curricula.

Products/Output:

1. Development of ORPR Evaluation and Research Specialist position through initial organization of CURRD.

2. Engagement of ORPR Urban Affairs Specialist.

3. Coordination of urban recreation activities in 13-state Region.

4. Development of urban recreation research library and resource center.

5. Development of model urban recreation programs featuring utilization of diverse resources.

6. Development and conduct of urban recreation training courses aimed at professional, paraprofessional, and indigenous groups.

7. Improved recreation delivery services to residents of urban areas within the Region.

8. Improved urban recreation courses in educational institutions within the Region.

9. Increase of urban students, especially minorities, majoring in leisure studies/parks and recreation curricula at educational institutions within the Region.

10. Consulting services to other Cooperative Extension Regions, and other urban or state governments, as well as federal departments and agencies.

11. Increased awareness among all those impacted by CURRD—political leaders, recreation leaders, educators, students, other citizens—of importance and need for improved recreation services in urban areas.

Impact:

Many studies, not the least of which is the recent National Urban Recreation Study by the U.S. Department of the Interior, have spelled out the inequities of present urban recreation offerings in the urban centers of the country. The Study's main findings are as follows:

1. People in all urban areas want a well-balanced system of urban recreation opportunities which includes close-to-home neighborhood facilities and programs for all segments of the population.
2. A wide variety of open space areas with substantial scenic, cultural, environmental, agricultural, and recreational values remain in and near our cities. While threats to remaining open space areas due to continued urban expansion into the countryside are very real, acquisition of these areas can meet only a small portion of total recreation needs.
3. Existing and potential recreation resources are not being fully utilized.
4. Good management, well-trained staff, and adequate financial support are the keys to providing good recreation services.
5. Lack of coordination among recreation providers at every level of government is a serious barrier to more efficient and responsive urban recreation programs.
6. The greatest urban recreation deficiencies for land and facilities exist in the inner cores of the nation's largest cities.
7. As local dollars for parks and recreation become more scarce, localities have turned for help, not to the States, but to the Federal Government.
8. No coherent national urban policy exists that considers urban recreation.
9. Current national recreation programs do not effectively address priority open space and recreation needs of urban areas.

Moreover, the National Urban Recreation Study outlines the following nine guidelines for local and state actions:

- Objective 1 — Conserve open space for its natural, cultural, and recreational values.
- Objective 2 — Provide financial support for parks and recreation.

- Objective 3 — Provide close-to-home recreation opportunities.
- Objective 4 — Encourage joint use of existing physical resources.
- Objective 5 — Ensure that recreation facilities are well-managed and well-maintained, and that quality recreation programs are available, by employing an adequate number of well-trained staff.
- Objective 6 — Reduce deterrents to full utilization of existing urban recreation facilities and programs.
- Objective 7 — Provide appropriate and responsive recreation services through sound planning.
- Objective 8 — Make environmental education and management an integral part of urban park and recreation policies and programs.
- Objective 9 — Strengthen the role of the cultural arts in urban recreation.

All of the above are contingent upon Federal actions, which are proposed as follows:

- Objective 1 — Develop a national recreation policy which focuses on the needs, problems, and opportunities of urban recreation and which provides a framework to guide Federal programs affecting urban recreation.
- Objective 2 — Develop a range of new tools and approaches at the Federal level for dealing with complex land use issues and for insuring preservation of numerous important landscapes throughout the country.
- Objective 3 — Better utilize existing land and water resources for recreation.
- Objective 4 — Use selected National Recreation Areas as National Demonstration and Training Centers to assist local governments in improving their park systems and programs.

- Objective 5 — Make open space reclamation and rehabilitation an integral element of the total redevelopment of decayed urban areas.
- Objective 6 — Change the Land and Water Conservation Fund (P.L. 88-578 as amended) to more effectively address high priority urban recreation needs.
- Objective 7 — Modify the Community Development Block Grant Program (P.L. 93-383, as amended by P.L. 95-128) to improve its use for park and recreation purposes.
- Objective 8 — Administer the General Revenue Sharing Program (P.L. 92-512, amended by P.L. 94-488) to encourage effective coordination of recreation with other municipal services in local allocation of funds.
- Objective 9 — Undertake major new Federal funding initiatives to bring local park and recreation systems up to an acceptable standard.
- Objective 10 — Encourage and support more effective use of physical community resources through joint-use of schools, community centers, and private facilities.
- Objective 11 — Encourage effective use of the Comprehensive Employment and Training Act (CETA) programs to help meet park and recreation staff need.
- Objective 12 — Encourage local park and recreation agencies to provide good services, using a combination of well-trained professional staff and volunteers.
- Objective 13 — Encourage and support improved accessibility of recreation opportunities.
- Objective 14 — Make parks safer.

Objective 15 – Provide support for effective recreation planning and research.

Objective 16 – Help make environmental education and management an integral part of urban park and recreation policies and programs.

Objective 17 – Help strengthen the role of the arts in urban recreation.

The impact of the Center for Urban Recreation Resource Development would, in fact, be that of helping to insure that all resources, public private, and voluntary, would be aimed directly at residents of urban areas within the North Central Region. The CURRD would be in a catalyst role, helping to bring together representatives of educational, governmental, business, and private organizations into a network of concerned planning and action. It would do so through knowledge of research and past programs model results, educational programs aimed at a wide variety of audiences, and sometimes a direct leadership role in action programs at the local urban level. In short, CURRD's mission would be to enhance direct recreation services to urban residents. All of its functions would relate to this single end result.

Budget:

	YEAR				
	80-81	81-82	82-83	83-84	84-85
Information Dissemination Specialist (1/4)	\$ 5,500				
Urban Affairs Specialist			24,000		
1/4 time Grad Assistant	2,100				
1/4 time Clerk Steno III	2,000		2,205		
1/2 time Grad Assistant			4,500		
Expenses	1,275	475		50	100
Equipment	1,250	250	250	250	250
TOTAL	\$12,125				

Program Title: Environmental Education Center

Purpose: To provide a resource person and resource base for environmental information.

Goals:

1. To provide technical assistance and consultation
2. Serve as a clearinghouse for significant model programs and related evaluation methods.
3. To plan and conduct workshops related to Environmental Education and contemporary environmental problems.
4. Prepare and disseminate new materials to leisure service agencies and educational organizations in Illinois interested in establishing new programs.
5. Strengthen the Outdoor Recreation and Interpretive options in the Department of Leisure Studies through teaching and advising in curriculum development.

Nature and Scope:

The addition of an Environmental Education Specialist will provide an opportunity for the University of Illinois and ORPR to step into a leadership role in environmental education. Due to the lack of leadership in this area by the State Department of Public Instruction, the program throughout the state has been very fragmented. The leisure service agencies have been giving greater emphasis to environmental education but do not have a resource contact in this area.

Procedures/Implementation:

Implementation procedures to meet the stated goals are:

1. Develop procedures for program input by professional and technical personnel.
2. Literature research for latest sources of materials and delivery concepts for Environmental Awareness.
3. Establish contacts and develop avenues for dissemination of information and services.
4. Seek outside funding to expand and enhance the program.

5. Develop evaluation plans in concert with Research and the Evaluation Specialist.

Products/Output:

The products or outcome will include:

1. Informational and educational materials, i.e. manuals, monographs, audio-visuals, monographs and articles.
2. Analysis of research in environmental education area and dissemination through established channels.
3. Develop evaluation techniques for environmental education programs, visitor centers and outdoor areas/facilities.
4. Regional workshops/seminars to train or reach greatest cross-section of Illinois clientele.

Impact:

The need for man to understand the environment has never been more evident. The problem of disruption of natural ecological processes is little understood by most people. Cooperative Extension Advisers and leisure service agencies are constantly seeking ways in which they can develop a better understanding of a value system that holds clean air, pure water and natural beauty as prime resources in maintaining or enhancing a high quality of life.

The perceived impact would be to change peoples' attitudes and lifestyles to be more concerned with environmental phenomena, with governmental and industrial practices as they affect their lifestyles. The actual impact would be an area of analysis by the Evaluation Specialist as a follow up over an extended period. The long-range and long-lasting impacts are the most important in a program of this nature.

If the program is not instituted the citizens of Illinois will be just denied an opportunity; however, not the only opportunity, to increase and expand their environmental awareness.

Funding:

One potential source of outside funding is the Illinois Dept. of Public Instruction and related federal programs thru HEW. A grant proposal for estimated \$60,000 for a two-year span is a possibility.

University of Illinois resources would be:

- Space allocation
- Graduate assistant(s)
- ORPR specialist in research and evaluation
- Working relationship with related University departments or special units.
- Library resources

Budget: Including Secretary - Res. & Eval. Spec. 1/4 time ea. - Grad. Asst.(s)

Asst. Prof.	\$21,000
1/2 - Time Clerk Steno III	4,000
1/4 - Time Grad Asst.	2,047
Travel	1,000
Supplies & Material	500
Telephone	200
1/4 - Time Eval. and Res. Spec.	5,250

ORPR EXPANSION PROGRAM BUDGET

84-85

83-84

82-83

81-82

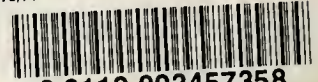
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ITEM

Information Dissemination Specialist	\$22,000				
Tourism Specialist	22,000				
1/2 time Grad. Assistant	4,100				
1/2 time Grad. Assistant	4,100				
1/4 time Grad. Assistant	2,100				
1/4 time Grad. Assistant	2,100				
Clerk-Steno III	8,000				
Expenses	5,100				
Equipment	5,000				
Urban Affairs Specialist		24,000			
Environmental Education Specialist		24,000			
1/2 time Grad. Assistant		4,500	4,200		
1/2 time Grad. Assistant		4,500			
1/4 time Grad. Assistant		2,300			
Clerk-Steno III		8,820			
Expenses - Add Ons			1,900		400
Equipment - Add Ons			1,000		1,000
				200	
				1,000	1,000
				69,120	1,400
TOTALS	\$74,500		7,100	1,200	1,400

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