

CURRICULUM VITAE

JOE M. KING

PRESENT ADDRESS

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EDUCATION

- Ph.D. 1971, University of Texas, Austin, Texas, Area of Concentration – Biology (Phycology) Supporting Areas - Environmental Science (Water Pollution), Biochemistry
- M.A. 1968 (Biology), Sam Houston State University, Huntsville, Texas - Biology Minor - Chemistry
- B.S. 1967 (Biology), Sam Houston State University, Huntsville, Texas - Biology Minor - Chemistry

PROFESSIONAL EXPERIENCE

- 8/2012-Present Provost
Auburn University at Montgomery
Montgomery, AL
- 2/2012-7/2012 Executive Director of Graduate Programs
Executive Assistant to the President for Academics & Administration
University of New Orleans
New Orleans, LA
- 2011-2012 Interim Chancellor
University of New Orleans
New Orleans, LA

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- 2010-2011 Acting Chancellor and Provost and Vice Chancellor of Academic and Student Affairs
University of New Orleans
New Orleans, LA
- 2009-2010 Provost and Vice Chancellor of Academic and Student Affairs
University of New Orleans
New Orleans, LA
- 2008-2009 Interim Provost and Vice Chancellor of Academic and Student Affairs
University of New Orleans
New Orleans, LA
- 1992- 2008 Dean, College of Sciences
University of New Orleans
New Orleans, LA
- 1986-1992 Chairman, Department of Biological Sciences
Murray State University
Murray, KY
- 1983-1992 Professor of Biology
Murray State University
- 1981-1985 Director, Hancock Biological Station
Murray State University
- Summer, 1981 Visiting Research Scientist
Department of Environmental Science and Engineering
Rice University
- 1979-1983 Associate Professor of Biology
Murray State University
- 1978-1979 Assistant Professor of Biology
Murray State University
- Spring, 1978 Visiting Lecturer, General Ecology
University of Houston-Clear Lake Campus
Clear Lake, TX
- 1973-1978 Senior Research Associate

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Department of Environmental Science and Engineering
Rice University

1971-1973 Assistant Professor
Department of Biology
University of Wisconsin-LaCrosse
LaCrosse, WI

1968-1969 Research Scientist
Department of Environmental Health and Engineering
University of Texas-Austin
Austin, TX

ADMINISTRATIVE EXPERIENCE

Provost, Auburn University at Montgomery

As Provost, I report directly to the Chancellor. Five academic Deans, three Associate Provosts, the Dean of the Library, and the Chief Information Officer report directly to me. I have oversight of academic programs, implementation of new programs at the undergraduate and graduate levels, faculty hiring and development, research and graduate programs, Registrar's office, International Affairs, Office of Institutional Research and Office of Enrollment Management. I also have oversight of SACS accreditation efforts, academic program presentations to our governing board, the implementation of strategic planning initiatives, a Confucius Institute, Center for Student Success and Center for Learning and Teaching.

Executive Director of Graduate Programs

Executive Assistant to the President for Academics and Administration

Assist the President in matters related to budget, governing boards, SACS, master plan and strategic plan development, institutional research and tracking of enrollment and retention data for state legislative programs. Responsible for development of new academic initiatives and assessment of college and program performance

Interim Chancellor, University of New Orleans

September, 2010 to 2011 I served as Acting Chancellor and Provost at the University of New Orleans. In addition to my usual duties as Provost and Vice Chancellor for Academic and Student Affairs. I was responsible for operation of the University and guiding UNO through a difficult budget environment while planning our future. I was engaged in promoting the university, working with our alumni, foundation boards, business and community leaders,

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fund raising, and meetings with our governing boards, legislative committees and state and federal legislators.

Provost and Vice Chancellor of Academic and Student Affairs University of New Orleans

As Provost and Vice Chancellor of Academic and Student Affairs, I reported directly to the Chancellor, and served in the absence of the Chancellor. Sixteen people reported directly to me, including eight deans. I had oversight of all academic programs, development and implementation of new programs, development and renewal of Centers and Institutes, student affairs including student health services, judicial affairs, counseling, career services, student life and Greek life, budget planning, university admissions, library, registrar's office, financial aid, international studies, and distance learning. I was also the SACS liaison for the university and worked with colleges on quality enhancement plans and institutional effectiveness. I also interacted with and attend meetings of both of UNO's management boards.

Dean of the College of Sciences University of New Orleans

When I served as Dean the College of Sciences was one of five Colleges at the University of New Orleans, a state-supported Carnegie Research Intensive University, and consisted of about 235 full-time faculty, instructors and staff. Total funding in the College was about \$20 million from state, federal and private sources. The College consisted of seven departments (Biological Sciences, Chemistry, Computer Science, Earth & Environmental Sciences, Mathematics, Physics, Psychology), and the following: Advanced Materials Research Institute which had 24 associated faculty and staff with about \$45 million in funding, the Pontchartrain Institute for Environmental Sciences with 17 associated faculty and staff, and about \$19 million in funding. Also in the College were the Shallow Water Acoustics Laboratory, the Keck Mass Spectrometry Laboratory, the W. M. Keck 4-Dimensional Computer Visualization Laboratory, the W. M. Keck Conservation and Molecular Genetics Laboratory, and the Brown Foundation Cellular Imaging Facility. Undergraduate and master degrees were offered in each department and the Ph.D. was offered in Conservation Biology, Chemistry, Engineering and Applied Science (interdisciplinary with College of Engineering), and Psychology. The College of Sciences was a member of the Louisiana Universities Marine Consortium and had developed partnerships with the Department of Agriculture in biotechnology, Stennis Space Center, the U.S. Navy, and several corporations. Our Department of Computer Science developed a bioinformatics concentration through an affiliation with Children's Hospital and a National Center on Data Assurance Education and our National Center on Data Assurance Research. The College enrolled about 2,000 undergraduate majors, approximately 275 graduate students and provided general education courses for the University student body.

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Chairman, Department of Biological Sciences Murray State University, Murray, Kentucky

One of my primary responsibilities at Murray State University was to transition a teaching department to one with a commitment to both teaching and research. By focusing some programs and making selective faculty hires, we were able to increase research productivity and extramural funding without sacrificing teaching quality. Finally, we developed an interdisciplinary Master's in Water Science and a joint Ph.D. program in Aquatics Science with the University of Louisville.

Director of Hancock Biological Station Murray State University, Murray, Kentucky

Hancock Biological Station is a modern teaching and research facility on the shore of Kentucky Lake, one of the largest riverine reservoirs in the nation. As director, we created the Ecological Consortium of Mid-America which consisted of five universities that use the Biological Station for teaching and research. Additionally, I obtained \$500,000 in continuing annual funds from the Commonwealth of Kentucky to establish the Center for Reservoir Research. These funds supported student and faculty research, technicians, analytical laboratories, seminars, and purchase of equipment and supplies.

ACTIVITIES AND SERVICE

Auburn University at Montgomery

- SACSCOC Steering Committee
- Strategic Initiatives Committee
- Senior Staff Council
- Alabama Council of University Chief Academic Officers
- Enrollment Management Committee
- University Space Committee
- Policy and Procedures Committee

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University of New Orleans

Committees, Boards, etc.

- White House Council for Community Solutions, Tulane University
- Board of Directors, New Beginnings, New Orleans Charter School Network
- Executive Committee, University of New Orleans Foundation
- Board of Directors, University of New Orleans Research and Technology Foundation, Inc.
- SACS Liaison for University of New Orleans
- Faculty Workload Task Force - Chair
- University Admissions Requirements Task Force – Co-Chair
- Quality Enhancement Committee
- University Budget Committee (Chancellor, Provost, Chief Financial Officer and Vice Chancellor for Research)
- Athletic Council
- Budget Hearings, Board of Regents, Baton Rouge, Louisiana
- Executive Board for Coastal Restoration and Enhancement through Science and Technology (CREST) Program, 2008.
- University Strategic Planning Committee
- University Executive Committee
- Urban University Committee
- Chair of Academic Council of Deans
- Advisory Committee - Pontchartrain Institute for Environmental Sciences
- Advisory Committee - Advanced Materials Research Institute
- University Master Plan Committee (for campus buildings and grounds)

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- Board of Directors, University of New Orleans Federal Credit Union (1999-)
- President of Board of Directors, University of New Orleans Federal Credit Union (2002-)
- PK-16+ Council on Teacher Quality (Focus on ways to more effectively recruit, prepare, support and retain teachers.)
- UNO Steering Committee for Louisiana Systemic Initiatives Program
- Edgar E. Burks Selection Committee for Outstanding Student
- Campus Safety Committee (Chair)
- Campus Green Committee
- Dean Representative to Faculty Senate (1998-2000)
- University Undergraduate Curriculum Review Task Force
- Advisory Committee for Institute for Energy and Environmental Information
- Research Fiscal Policy Task Force
- Advisory Committee for University of New Orleans Research and Technology Park
- Board of Directors, University of New Orleans Business/Higher Educational Council
- University of New Orleans Business/Higher Educational Council Membership Committee
- University of New Orleans Business/Higher Educational Council Marketing/Development Committee
- NACFAM Committee for Advanced Manufacturing Initiatives in New Orleans
- Board of Directors, Center for Waste Management, College of Engineering, University of New Orleans

Search Committees

- Director of University of New Orleans Alumni Association

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- President of University of New Orleans Foundation
- Director of Office of Intellectual Property Management, Fall 2007
- Director of Office of International Students and Scholars, Fall 2007
- Chair; Chancellor Search Committee
- Liberal Arts Dean
- College of Engineering Dean
- Three Endowed Chair positions in Civil and Environmental Engineering, and two Endowed Chair positions in Naval Architecture (College of Engineering)
- Dean, College of Urban and Public Affairs
- University Registrar
- Established search for new Dean of Sciences
- Established search for new Dean of Engineering

Murray State University

- Search Committee for Chair, Department of Nursing, MSU (1992)
- Advisory Committee for Bachelor of Independent Studies, MSU (1992)
- University of Kentucky/Murray State University Joint Doctoral Committee (1992)
- Ecology Curriculum Committee (1980-1992)
- Seminar Committee, Chairman (1980-1992)
- Chairman Faculty Search Committee (1980-1981)
- Faculty Search Committee (1981-1982)
- Fisheries-Aquatic Biology Review Committee (1980-1992)
- Graduate Program Committee, Chairman (1980-1992)

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- Departmental Tenure Committee, Chairman (1981-1982)
- College Tenure Committee, 1981-1982)
- Environmental Studies Program Committee (1982-1992)
- University Self-Study Committee on Graduate Programs for SACS accreditation (1984-1985)
- University Judicial Board (1984-1991)
- Steering Committee, Center for Reservoir Research, Murray State University (1987-1992)
- Chairman, Board of Directors, Ecological Consortium of Mid-America (1981-1989)
- Member, Board of Directors, Ecological Consortium of Mid-America (1981-1992)
- Graduate Coordinator (1981-1986)
- Board of Trustees, Ohio River Basin Research and Education Consortium (1985-1992)

ADMINISTRATIVE ACCOMPLISHMENTS

(Together with Chancellor, Faculty, Deans, Department Heads, and Staff)

Auburn University at Montgomery

- Increased number of baccalaureate and master degrees and certificate programs.
- Reorganize academic structure of university. Combined School of Liberal Arts and School of Sciences to College of Arts and Sciences. Created a new College of Public Policy and Justice to foster more interactions with businesses and government agencies. Moved Medical Laboratory Sciences and Speech and Hearing Clinic and Faculty into the School of Nursing to form the College of Nursing and Health Sciences. Created a Department of Kinesiology in our College of Education and a School of Accountancy in our College of Business.
- Developed and funded a Student Success Center to enhance student retention.
- Developed a Center for Excellence in Learning and Teaching to provide resources, workshops and seminars for faculty development.
- Developed a Summer Research Program for high school students to come to campus to participate in research projects with STEM faculty.

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- Developed an Undergraduate Research Program that provides students in any discipline the opportunity to conduct research/scholarly work/creative work with faculty during an academic semester, academic year or summer term. Provide stipend for students and travel costs for students and their mentors to present at professional meetings.
- Initiate Academic Program Review Program to obtain external reviews of departments on a fixed schedule.
- Support a mandatory instruction program for faculty teaching online courses.
- In process of developing Programs of Distinction.
- Developed a Summer Faculty Research Program, Equipment Grant Program and Young Investigator Research Program.
- Submitted SACSCOC Fifth Year Report and received no recommendations.
- Preparing SACSCOC 2018 Reaffirmation Report.
- Developed Office of Global Initiatives.
- Funded construction of a Science Research Facility consisting of five research labs.
- Developed a Geospatial and Geophysical Research Center.
- Reorganized process for funding adjuncts, summer teaching program and O&M budgets.

ADMINISTRATIVE ACCOMPLISHMENTS

(Together with Chancellor, Faculty, Deans, Department Chairs, and Staff)

University of New Orleans

- ~ 66% increase in total extramural funding over past six years.
- Developed 5-year strategic plan for College of Sciences..
- Developed field station for research and education in coastal restoration.

Academic Program Development

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- Implementation and oversight of curriculum revisions in all academic units.
- Implementation of new general education requirement.
- Two Plus Two degree programs with local community college.
- Two Plus Two degree program with the University of Radio and Television, Beijing, China.
- Two Plus Two degree program with Lingaya University, New Dehli, India.
- Two Plus Two degree program in Computer Science with: Escuela Superior Politecnica del Litoral, Ecuador
- Letter of intent for M.S. in Information Assurance (Submitted to Louisiana State University Board of Supervisors).
- Proposal for a Ph.D. in Medicinal Chemistry (Joint Program with LSU Health Sciences Center, School of Medicine and Graduate Studies). (Approved by Louisiana State University Board of Supervisors, under review by Louisiana Board of Regents).
- Proposal for a Ph.D. Program in Materials Science (Approved by Louisiana State University Board of Supervisors, under review by Louisiana Board of Regents).
- B.S. in Transportation Studies (under review by Louisiana Board of Regents).
- Ph.D. program in Engineering and Applied Science. (Interdisciplinary program with the College of Engineering), approved by Louisiana Board of Regents.
- Ph.D. program in Conservation Biology. Approved by Louisiana Board of Regents.
- B.S. Program in Environmental Science and Policy (interdisciplinary program involving departments in the College of Sciences, College of Liberal Arts, College of Business, College of Urban Planning and Administration, and College of Engineering. Program approved in September, 2000, by Louisiana Board of Regents.
- Joint Masters-level Biomedical Concentration with Louisiana State University Health Sciences Center.

Fund Raising

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- Established Brown Foundation Cellular Imaging Facility with \$600,000 gift from the Joe W. and Dorothy Dorsett Brown Foundation.
- Established W. M. Keck Foundation Conservation and Molecular Genetics Laboratory with \$500,000 gift from the W. M. Keck Foundation.
- Worked with Chancellor to establish six endowed chairs in the College of Sciences (\$6 million).
- Support for field facility for education and research in coastal restoration (\$750,000).
- Secured \$250,000 of private source funds as match on purchase of tandem mass spectrometer. Total project funding of \$500,000.
- Established computer visualization laboratory in Department of Geology & Geophysics with \$500,000 gift from the W. M. Keck Foundation and software donations from industry.
- Secured \$140,000 of private source funds for construction of a small research greenhouse on campus.
- Secured \$25,000 of private source funds for establishment of a science lecture series.
- Secured private donation of two vehicles for use in research and teaching (\$55,000).
- Secured \$70,000 private donation for purchase of research boat.
- Received donation of 10,800 sq. ft. building by oil company to our Department of Geology and Geophysics. Building consists of offices, laboratories and storage area for core samples (\$900,000).
- Five Endowed Chairs - \$6,000,000

Accreditation and Program Reviews

- SACs accreditation
- Institutional Effectiveness Plans for College of Sciences
- Board of Regents review of National Center for Advanced Manufacturing
- Board of Regents review of New Orleans Jazz Institute

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- ABET Reaccreditation of Computer Science Program
- ABET Reaccreditation of Engineering
- QEP Mathematics
- Institutional Effectiveness Plans for College of Sciences
- Institutional Effectiveness Plans for University of New Orleans
- Participated in NCATE reaccreditation visit for the College of Education.
- Review of Ph.D. program in Chemistry by the Louisiana Board of Regents.
- Association to Advance Collegiate School of Business
- National Association of Schools of Arts and Design Commission on Accreditation
- Review of Geology & Geophysics program by the Louisiana Board of Regents.
- Review of Physics Program by the Louisiana Board of Regents.
- SACS commendation to College of Sciences for educational and research affiliation with Audubon Institute.

Centers, Institutes and Collaborative Programs

- State of Hessen, Germany, September 22-29, 2007, student and faculty exchange.
- Support of thirty year old exchange program with the University of Innsbruck.
- Established Pontchartrain Institute for Environmental Sciences.
- Established Advanced Materials Research Institute in College of Sciences.
- Development of faculty participation in NASA/University Joint Venture in Space Science.
- Establishment of the University of New Orleans Developmental Center consisting of a series of linked clinics in cognitive development and rehabilitation, family services, substance abuse, and gerontology.

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- Established Math Tutorial Center.
- Memorandum of Understanding with Louisiana State University Medical Center, School of Medicine, Neuroscience Center of Excellence with joint appointment of Endowed Chair in Neuroscience.
- Collaborative program in biotechnology with USDA Regional Research Center, New Orleans. Provides support for undergraduate and graduate student research.
- Development of M.O.U. with Children's Hospital, New Orleans for joint faculty appointments and research collaborations in bioinformatics.

Outreach Programs

- Support for college participation in Louisiana Alliance for Minority Program
- Summer Minority Program in Geology. Our Department of Earth and Environmental Sciences is the largest source of African American geoscientists in the country.
- Summer Program in our Advanced Materials Research Institute that provides research opportunities for undergraduates at our university, and senior students and teachers from local high schools.
- Coastal Education Program. Uses coastal wetlands as natural laboratories to teach environmental science and conservation to school teachers and students in grades 6-12.

Other

- Co-sponsored a conference on Getting the Louisiana Coastal Land Loss Message Out to the Nation.
- Co-Sponsor of Darwin Day seminars.
- Established Board of Visitors for College of Sciences.
- Co-Sponsor of Einstein week.
- Guest on WVUE TV Channel 8 talk show.

ADMINISTRATIVE ACCOMPLISHMENTS

Murray State University

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Participated in NIH proposal development for animal care facility in Department of Biological Sciences.

Wrote proposal for establishment of the Center for Reservoir Research at Hancock Biological Station, Murray State University. Receives \$500,000 annual funding as part of legislative budget from Commonwealth of Kentucky.

Co-chair, Program Committee. Seventh Annual Scientific Symposium of the Ohio River Basin Consortium for Research and Education, Murray State University, December 1-3, 1991.

Segment of Kentucky Educational Television documentary on science in Kentucky.

Negotiated faculty and student exchange agreement with the University of Sarajevo, Yugoslavia.

Radio interviews concerning program at the Hancock Biological Station and aquatic research activities in the department.

Newspaper interview about Hancock Biological Station and Ecological Consortium of Mid-America.

Arranged TV spot on Hancock Biological Station and Ecological Consortium of Mid-America.

Participated in establishment of joint Ph.D. in Aquatic Science with University of Louisville.

Co-authored proposal for the development of an interdisciplinary major in Biological Chemistry with an emphasis in either molecular biology or toxicology. Approved by Kentucky Council on Higher Education.

Development of 5-year strategic plan for Department of Biological Sciences.

Development of departmental renovation plans for submission as part of a collegiate proposal to NSF's Academic Research Facilities Modernization Program. Funded at \$1.7 million.

Member of negotiating team for the development of an aquaculture facility at Murray State.

Development of Environmental Studies Program involving Departments of Biology, Chemistry and Geosciences.

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Authored proposal for submission to Kentucky Council on Higher Education for an interdisciplinary M.S. program in Water Science. Approved.

Wrote SACS self-study. Department of Biological Sciences, Murray State University (1992).

FELLOWSHIPS AND HONORS

Distinguished Research Professor, Murray State University, 1990 - 1992

Support of Research Award, Murray State University Chapter of Sigma Xi, 1989
National Institutes of Health Traineeship in Environmental Health and Engineering, 1969-1970

N.S.F. Environmental Studies Fellowship, 1970-1971

Nominated - Excellence in Teaching Award, University of Wisconsin-LaCrosse, 1972

Nominated - Max Carmen Outstanding Teacher Award, Murray State University, 1984

American Men and Women of Science

Who's Who in the South and Southwest

Session Chairman: Joint U.S.-Mexico Psychological Symposium -Workshop, Mexico City, Mexico, November 24-28, 1980

Discussion Leader: U.S. EPA State of the Art Seminar, Environmental Biology, Duluth, Minnesota, July 20-22, 1981

Invited to Chair Session: Second International Psychological Congress, Copenhagen, August 4-10, 1985

Phi Kappa Phi National Honor Society

Honorary Member - Sigma Pi Sigma Physics Honor Society

PUBLICATIONS

King, J.M. 1972. Five new species of *Chlamydomonas*. J. Phycol. 8:120-126.

King, J.M. 1973. *Gloeococcus minutissima* sp. nov. isolated from soil. J. Phycol. 9:349-352.

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Ward, C.H. and J.M. King. 1975. Eutrophication studies in a planned community. Second World Congress on Water Resources 4:425-429.

King, J.M. 1975. The edaphic algae of western Wisconsin. Trans. Wisconsin Acad. Sci. 24:200-206.

Ward, C.H., J.M. King, W.G. Characklis, and F.L. Roe. 1976. Algal Bioassay-Evaluation of eutrophication potential of stormwater runoff. Developments in Industrial Micro-biology 17:337-343.

Coffey, J.C., J.M. King, and C.H. Ward. 1976. Effects of petroleum hydrocarbons on growth of freshwater algae. Developments in Industrial Microbiology 18:661-672.

Coffey, J.C., J.M. King, and C.H. Ward. 1976. Effects of petroleum hydrocarbons on growth of algae. Proc. 31st Ann. Purdue Industrial Waste Conf.

Olsen, R., J.M. King, and C.H. Ward. 1976. Algal population dynamics and productivity in industrial stabilization ponds. Proc. 31st Ann. Purdue Industrial Waste Conf.

Ward, C.H. and J.M. King. 1976. Fate of algae in laboratory cultures. In: Ponds as a Waste Water Treatment Alternative (Ed. Gloyna, E.F., J.F. Malina and E.M. Davis), University of Texas Press, p. 88-130.

King, J.M. and C.H. Ward. 1977. Distribution of edaphic algae as related to land usage. Phycologia 16:23-31.

Ward, C.H. and J.M. King. 1978. Algal populations and nutrient limitations in a small man-made lake. Developments in Industrial Microbiology 19:447-487.

King, J.M., W.G. Characklis, C.H. Ward, and F.L. Roe. 1979. Rainfall quality, land use and runoff quality. J. Environ. Eng. Div., ASCE, 416-419.

Ward, C.H. and J.M. King. 1979. Effects of simulated hypogravity on respiration and photosynthesis of higher plants. COSPAR Life Sciences and Space Research, Pergamon Press, vol. 17:291-296.

Ward, C.H., J.M. King, R.J. Olsen, and S.M. D'Orsie. 1979. System performance of wastewater stabilization ponds at Exxon's Petrochemical Facilities, U.S.A. Third World Congress on Water Resources 7:3070-3080.

Thomson, M.B., S.R. Hutchins, J.M. King, and C.H. Ward. 1979. Trace organic contamination of ground waters; Methods for study and preliminary results. Third World Congress on Water Resources 8:3701-3709.

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King, J.M. and R. Oddo. 1980. The algal flora of a relict cypress swamp (Murphy's Pond) in western Kentucky. *Trans. Ky. Acad. Sci.* 43:191-243.

Bold, H.C., R.D. Slocum, J.M. King, and F.J. MacEntee. 1981. *Palmellopsis murallis* sp. nov. (Chlorophyceae, Tetrasporales, Palmellaceae). *J. Phycol.* 17:9-14.

Thomson, M.B., S. Hutchins, J.M. King, and C.H. Ward. 1981. A nitrogen powered continuous delivery, all glass teflon pumping system for ground water sampling from below 10 meters. *Ground Water* 18:444-446.

King, J.M. 1983. A report on the occurrence of *Chrysamoeba* Klebs (Chrysophyceae) in Kentucky. *Trans. Ky. Acad. Sci.* 44:159-161.

King, J.M. 1984. The occurrence of *Chrysophyxis urna* (Chrysophyceae) in the United States. *Trans. Amer. Microscop. Soc.* 103:317-319.

King, J.M. and K.C. Coley. 1984. Toxicity of coal-distillates to *Spirodela polyrrhiza*. *Bull. Environ. Contam. Toxicol.* 33:220-224.

Barnese, L. and J.M. King. 1984. The algal flora of Kentucky Lake. *Trans. Ky. Acad. Sci.* 46:46-50.

King, J.M. and K.C. Coley. 1985. Toxicity of aqueous extracts of natural and synthetic oils to three species of *Lemna*. *Aquatic Toxicity and Hazard Assessment: Eight Symposium.*

ASTM STP 891, R.C. Bahner and D.J. Hanson, Eds., American Society for Testing and Materials, Philadelphia, pp. 302-309.

Archibald, P. and J.M. King. 1987. The algal flora of two distinct habitats along the Moa River in the State of Arce, Brazil. *Acta Amazonica* 15:145-151.

King, J.M. and C.D. Wilder. 1989. Seasonal variations in orthophosphate and inorganic nitrogen in a western Kentucky cypress swamp (Murphy's Pond). *Trans. Ky. Acad. Sci.* 50:51-54.

Jarrett, J.L. and J.M. King. 1991. The Phytoplankton species in Lake Barkley. *Castanea* 56:90-98.

Toxicity Test Procedures using Common Duckweed, *Lemna minor*. Standard Methods, 18th edition. (Member of writing committee)

King, J.M. and T.P. Anderson. 1993. Clean Lakes Program in Kentucky: Trophic states

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and use assessment of Kentucky Lakes. Proceedings of the First Annual Southeastern Lakes Management Conference. Kennesaw State College, Marietta, GA. C.B. Watkins, H. McGinnis and K.J. Hatcher, Editors. North American Lake Management Society. 10-17.

King, J.M. 2009. Preface to: Geologic and Environmental Dynamics of the Pontchartrain Basin. Fitzgerald, D. and Reed, D. (eds). Journal of Coastal Research, Special Issue. No. 54.

TECHNICAL PAPERS AND REPORTS

Environmental Studies of Lake Pontchartrain 1996-2000. Final report to Freeport McMoRan, Inc., 2001.

Water quality and algal growth potential in the Sandy River, Kentucky Reservoir. Final Report, Tennessee Valley Authority, 1992.

Periphyton production in the Big Sandy River embayment of Kentucky Lake. Interim Report, Tennessee Wildlife Resources Agency, 1992.

Water quality of Kentucky Lake. Final Report, Kentucky Division of Water, 1990.

Effects of 2, 4-D on nontarget organisms in Kentucky Reservoir. Final Report, Tennessee Valley Authority, 1988.

Algal populations and water quality of the Lower Cumberland River. Final Report, U.S. Army Corps of Engineers, 1988.

Development of Organisms for Control of Algae, Sybron Chemical, Inc. Final Report (with J.R. Pratt and R. Meyer), 1987.

The diatom flora (Bacilliarophyceae) of Lake Barkley. Final Report, U.S. Army Corps of Engineers, 1987.

Water Quality Conditions in Lake Barkley. Final Report, U.S. Army Corps of Engineers, 1987.

Characterization of soil disposal system leachates. EPA/NTIS PB 84-196229 (with M. Thomson, C. Curran, J. Dauchy and C.H. Ward), 1984.

In situ studies of nutrient loading on algal productivity and population dynamics in Kentucky Lake. Tennessee Valley Authority. Final Report, 1982.

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A multidisciplinary approach to improvement of biology and biochemistry curricula. National Science Foundation. Final Report, 1991.

Effects of chronic low-level CW 2.45 GHz illumination on plant growth and development. IN: Effects of the Solar Power Satellite Transmission System, E.D. Newson, Ed., NASA Report 3044, p. 232-271 (with C.H. Ward), 1978.

Algal populations and their contribution to organic loading in chemical stabilization pond. Olin Corp., Lake Charles, Louisiana, 1978.

Characterization of benthic and planktonic algae in a lake near Norman, Oklahoma. Woodward-Clyde, Houston, Texas, 1977.

The Woodlands-Eutrophication Studies. U.S. EPA. Final Report (with C.H. Ward), 1977.

Utilization of plankton in stabilization pond effluent by fish in the Houston Ship Channel. Exxon Corp., Baytown, Texas, 1977.

Biological characterization and assessment of a potential petrochemical site near Brazoria, Texas. Radian Corp., Austin, Texas, 1976.

Study of metabolism and energetics in hypogravity: Respiration, photosynthesis and pigmentation of plants exposed to hypogravity. National Aeronautics and Space Administration. Final Report (with C.H. Ward), 1976.

PRESENTATIONS, MEETINGS AND WORKSHOPS ATTENDED

SACSCOC Annual Meeting, Houston, TX, December 2015

SACSCOC Annual Meeting, Nashville, TN, December 2014

SACSCOC Annual Meeting, Atlanta, GA, December 2013

SACSCOC Annual Meeting, Dallas, TX, December 8-11, 2012

Annual Meeting of Alabama Council of Chief Academic Officers, Birmingham, AL, June 2013, June 2014, June 2015

NSF Graduate Research Fellowship Program Panelist. Washington, D.C. Intermittently between 2006-present.

SACS-COC Annual Meeting. Orlando, Florida, December 4-6, 2011.

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APLU Annual Meeting. San Francisco, California. November 12-15, 2011.

Partnership for Assessment of Readiness for College and Careers Leadership Summit. Baton Rouge, Louisiana, August 30, 2011

Conference of Louisiana Colleges & Universities. Baton Rouge, Louisiana May 9, 2011.

Conference of Louisiana College & Universities. Baton Rouge, Louisiana February 3, 2010.

SACS-COS Annual Meeting, Atlanta, Georgia, December 5-7, 2009.

SACS-COS Annual Meeting. San Antonio, Texas, December 6-9, 2008.

Protecting Research Subjects as Times Change. An OHRP Research Community Forum. Moderator: Informed Consent and Decision-Making Capacity. Sheraton New Orleans Hotel, New Orleans, Louisiana, April 4, 2008.

Tri-State Dean's Conference. Panelist, Post Tenure Review: Conflict Management. Nicholls State University, Thibodeaux, Louisiana, March 28, 2008.

Coastal Restoration and Enhancement through Science and Technology (CREST) Scholars Meeting. Introductory speaker and attendee. Lindy Boggs Conference Center, New Orleans, Louisiana, March 7, 2008.

Plenary session panelist, National Council of University Research Administrators. New Orleans Marriott, February 25, 2008.

Third National Conference on Coastal and Estuarine Habitat Restoration. Hilton Riverside Hotel, New Orleans, Louisiana, December 9-13, 2006.

Council of Colleges of Arts and Sciences Annual Meeting. Boston Marriott Copley Place. Boston, Massachusetts, November 8-11, 2006.

Rebuilding a Geoscience Program in the Midst of Low Completion Rates and Hurricanes. Philadelphia Annual Meeting of the Geological Society of America. Philadelphia, Pennsylvania, October 22-25, 2006 (with M.A. Kulp and S. Penland).

Gulf Coast Universities Consortium. Stennis Space Center, August 23, 2006.

Universities Council on Water Resources/The National Institute for Water Resources Annual Conference. Increasing Freshwater Supplies. Santa Fe, New Mexico. July 18-20, 2006

Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana, July 12-17, 2006.

JOE M. KING

2006 Post-Katrina/Rita Research and Educational Forum. Science Recovery and Discovery. The Role of Higher Education in Securing a Sustainable Future. New Orleans, April 2-4, 2006.

The Louisiana State Aquatic Invasive Species Management Plan – Process and Product Update. The 13th International Conference on Aquatic Invasive Species. Ennis, Ireland, September 20-24, 2004 (with M. M. Stevenson, A. Kravitz, R. Campanella, and R. C. Cashner)

66th Annual Conference of Louisiana Colleges and Universities. New Orleans, Louisiana, March 18-19, 2004.

116th Annual Meeting of the National Association of State Universities and Land-Grant Colleges. New Orleans Marriott, New Orleans, Louisiana, November 16-18, 2003.

Joint Meeting of Ichthyologists and Herpetologists. Kansas City, Missouri, July 3-8, 2002.

Plenary Session Chair, 11th International Conference on Aquatic Invasive Species; Aquatic Invasive Species in a Borderless World. Hilton Alexandria Mark Center, Alexandria, Virginia, October 1-4, 2001.

Sixty-Third Annual Conference of Louisiana Colleges and Universities. New Orleans, Louisiana, April 18-19, 2001.

Second International Conference on Marine Bioinvasions. Intercontinental Hotel, New Orleans, Louisiana, April 9-11, 2001.

Sixty-Second Annual Meeting of Association of Southeastern Biologists. Radisson Hotel, New Orleans, Louisiana, April 4-7, 2001.

Invited Panel Member, Qualities Needed in Department Chairs, Joint Mathematics Meeting (American Mathematical Society, Mathematical Association of America). New Orleans, Louisiana, January 13, 2001.

Blue Ribbon Commission on Education - Implications to the Teaching of Mathematics and Sciences. University of New Orleans, New Orleans, Louisiana, December 15, 2000.

One Hundred Thirteenth Annual Meeting, National Association of State Universities and Land-Grant Colleges. San Antonio, TX, November 13-15, 2000.

Twenty-Fifth Anniversary of UNO-Innsbruck Program. Innsbruck, Austria, June 2-5, 2000.

Invited participant, Forum on the Development of an Accountability System for Teacher Education Programs. Baton, Rouge, Louisiana, March 3, 2000.

JOE M. KING

National Science Foundation Proposal Review Panel. Washington, DC, February, 2000.

Impact of Hurricane Camille: A Storm Impact Symposium to Mark the 30th Anniversary. New Orleans, Louisiana, August 17-18, 1999.

Luncheon Speaker, Southern Regional Research Center, U.S.D.A. Grants Workshop, May 7, 1999.

Invited Speaker, Restructuring General Education for Future Teachers, Southern Louisiana Education Summit. New Orleans, Louisiana, March, 1999.

Kellogg Commission Conference. Engagement-Universities Responded to America's Challenges. New Orleans, Louisiana, November 3, 1998.

American Water Research Association. Keystone, Colorado, June, 1997.

Louisiana Council of Deans of Arts, Sciences and Humanities. University of New Orleans, November, 1996 (Host University).

Teaching Science at the Undergraduate Level. Baton Rouge, Louisiana, January 1996.

Third Thematic Conference on Remote Sensing for Marine and Coastal Environments. Seattle, Washington, September 18-20, 1995.

Panel Member, University Administrators/Deans: Faculty Incentives and Rewards. Teaching Science and Mathematics at the Undergraduate Level. Baton Rouge, Louisiana, January 27-28, 1995.

International Conference on Biodiversity, Ecosystem Health and Sustainable Development. New Orleans, Louisiana, December 11-14, 1994.

Annual Meeting of Council of Colleges of Arts and Sciences. Portland Hilton, Portland, Oregon, November 15-19, 1994.

A Study of Biological Contaminants on High Voltage Porcelain Insulators. Engineering Society SEPRI Meeting, New Orleans, Louisiana, November 1994 (with Robert McAfee and Robert Heaton).

Seventeenth Council of Colleges of Arts and Sciences Seminar for Academic Deans. New Orleans, Louisiana, March 17-18, 1994.

Second American Association for Higher Education Conference: Faculty Roles and Rewards.

JOE M. KING

Hyatt Regency, New Orleans, Louisiana, January 28-30, 1994.

Oak Ridge/Strategic Oil Spill Initiative. Department of Energy, Oak Ridge Field Office, Oak Ridge, Tennessee, November 29-30, 1993.

Arkansas/Louisiana/Mississippi 2000 In Mathematics and Science Education, Tri-State Invitational Conference. Hotel Intercontinental, New Orleans, Louisiana, July 11-13, 1993.

The National Science Foundation Urban Systemic Initiative Program - Development of Proposal for the City of New Orleans, New Orleans, Louisiana, July 11, 1993.

Invited Participant. NSF conference on Beyond National Standards and Goals: Excellence in Mathematics and Science Education K-16. Ramada Renaissance Techworld Hotel, Washington, D.C., February 9-11, 1993.

EPRI Urban Initiative Workshop. Marriott Hotel, New Orleans, Louisiana, December 16-17, 1992.

Urban Runoff Workshop. University of New Orleans, December 18, 1992.

Sixty-fifth Annual Conference of Water Environment Federation. Standard Methods Committee Meeting. New Orleans, Louisiana, September 20-24, 1992.

Reservoir Limnology and Water Quality. Ceske Budejovice, Czechoslovakia, August 9-14, 1992 (with D.S. White).

Post-diversion improvements in the water quality of McNeely Lake, Jefferson County, Kentucky. 12th Annual International Symposium, North American Lake Management Society, Cincinnati, Ohio, November 2-7, 1992 (with T. Anderson).

North American Benthological Society Meeting, Louisville, Kentucky, May 1992 (Moderator for Contributed Session).

Higher Education, Research, and Economic Development: Partners in Louisiana's Future. Baton Rouge, Louisiana, September 25-26, 1992.

Annual Meeting of National Association of State Universities and Land-Grant Colleges. Hyatt Regency Hotel, New Orleans, Louisiana, November 8-10, 1992.

Annual Meeting of Council of Colleges of Arts and Sciences. Hyatt Regency Hotel, Tampa, Florida, November 11-14, 1992.

Kentucky Clean Lakes Program. Southeast Regional Lake Management Conference, North American Lake Management Society, Kennesaw State College, Marietta, Georgia, March 19-

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21, 1992 (with T. Anderson).

Water quality assessment of Kentucky Lakes. Southeast Regional Lake Management Conference, North American Lake Management Society, Kennesaw State College, Marietta, Georgia, March 19-21, 1992 (with T. Anderson).

Spatial variability in primary production and nutrients in Kentucky Lake: A long-term monitoring program. American Society of Limnology and Oceanography, 1992 Aquatic Science Meeting, Santa Fe, New Mexico, February 9-14, 1992 (with G. Kipphut, G.R. Marzolf, D. White, K. Johnston and G. Rice).

Seventh Annual Scientific Symposium, Ohio River Basin Consortium for Research and Education, Lake Barkley State Resort Park, Kentucky, December 1-3, 1991 (Program moderator).

Eleventh International Symposium, North American Lake Management Society, Denver, Colorado, November 11-16, 1991.

Freshwater Initiative: Pilot Project. Tennessee Valley Authority Engineering Laboratory, Norris, Tennessee, July 18-19, 1991.

Thirty-ninth Annual Meeting of North American Benthological Society, Santa Fe, New Mexico, May 21-24, 1991.

Annual Meeting of American Microscopical Society, San Antonio, Texas, December 27-30, 1990.

Operation of Dams for Water Quality Management. NSF and EPRI sponsored workshop, Atlanta, Georgia, April 9-11, 1990 (invited participant).

Annual Meeting of Association of Southeastern Biologists, Baltimore, Maryland, April 19-21, 1990.

Microscopy and microtechniques in an undergraduate curriculum. Forty-first A.I.B.S. Annual Meeting, Richmond, Virginia, August 5-9, 1990.

Invited paper, Session on Using Modern Laboratory and Field Equipment to Improve Undergraduate Biology Programs. Ohio River Basin Consortium for Research and Education, Athens, Ohio, September 6-8, 1989.

The 89th Annual Meeting of the American Society for Micro-biology, New Orleans, Louisiana, May 14-18, 1989.

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NSF Sponsored Workshop on Water, Science and Engineering in River Impoundments: Status and Research Priorities, Hancock Biological Station, Murray State University, April 8-11, 1989.

Eighth Annual International Symposium, North American Lake Management Society, St. Louis, Missouri, November 15-19, 1988.

Ohio River Basin Consortium for Research and Education, Lexington, Kentucky, October 31-November 2, 1988.

Impact of 2, 4-D on Non-target Organisms in Kentucky Lake. Seventh Annual Meeting, Mid South Aquatic Plant Management Society, Gulf Shores, Alabama, October 12-13, 1988.

Fifth Annual Conference for Academic Chairpersons, Orlando, Florida, February 15-17, 1988.

The use of *Lemna* as a bioassay organism. Department of Biology, University of Mississippi, May, 1988.

Sixth Annual Meeting, Mid South Aquatic Plant Management Society, Decatur, Alabama, October 14-16, 1987.

Limnology of Lake Barkley, Colloquium on Biology in the Mid South: Focus on Aquatics, Memphis State University, March 13, 1987.

The toxicity of aromatic hydrocarbons to *Lemna gibba*. Weed Science Symposium, Houston, Texas, February 5-7, 1986. Abstract.

Toxicity of water soluble fraction of natural and synthetic oils to *Lemna minor*, XIth Annual Meeting, Society of Environmental Toxicology and Chemistry, St. Louis, Missouri, November 10-13, 1985.

Invited paper for special plant toxicology symposium. Diatoms of Lake Barkley. VIIth North American Diatom Symposium, Hancock Biological Station, October 16-19, 1985 (with L. Jarrett).

Ohio River Basin Research and Education Consortium, Lexington, Kentucky, November 1985.

Identification and characterization of physiologically distinct strains of an unicellular chlorophycean alga. Second International Phycological Congress, Copenhagen, August 4-10, 1985 (with P.A. Archibald). Abstract.

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Variation in growth response to selected nitrogen and carbon sources among strains of an unicellular chlorophycean alga. Second International Phycological Congress, Copenhagen, August 4-10, 1985 (with P.A. Archibald). Abstract.

Toxicity of aqueous extracts of crude and refined oils to three floating angiosperms. ASTM Eight Symposium on Aquatic Toxicology, April 15-17, 1984.

Organization of Field Biology Stations. Bamfield Marine Station, British Columbia, September, 1984.

Association of Southeastern Biologists. Memphis State University, Memphis, Tennessee, April, 1984.

Environmental Biology State-of-the-Art Seminar. U.S. EPA, Seattle, Washington, May, 1983.

Organization of Field Biology Stations. University of Colorado, Mountain Research Station, September, 1983.

Toxicity of aqueous extracts of coal-distillates to *Spirodela polyrrhiza*. Annual meeting of Kentucky Academy of Sciences, University of Louisville, November, 1983 (with K.C. Coley).

Phytoplankton population dynamics in Kentucky Lake. Annual meeting of Kentucky Academy of Sciences, University of Louisville, November, 1983 (with L. Barnese).

Seasonal primary productivity and photosynthetic efficiency in Kentucky Lake. American Society of Limnology and Oceanography, 46th Annual Meeting, St. John's, Newfoundland, June 13-16, 1983 (with G. Houser).

Organization of Field Biology Stations. University of Michigan, Douglas Lake Field Station, September, 1982.

Comments on polyphosphate in natural phytoplankton assemblages and its formation and degradation in cultured algal cells. In: Environmental Biology State-of-the-Art Seminar. EPA-600/9-82-007.

Annual meeting of American Society of Limnology and Ocean-zoography. North Carolina State University, Raleigh, North Carolina, June 13-18, 1982.

Toxicity of aqueous extracts of No. 2 fuel oil to an aquatic angiosperm, *Spirodela oligorrhiza*. IV World Congress on Water Resources, Argentina, September 3-11, 1982 (with S. Kleine and C.H. Ward).

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Comparative phytoplankton productivity and chlorophyll content in the main channel and Anderson Bay area of Kentucky Lake. Annual meeting of Kentucky Academy of Sciences, Murray State University, November, 1981 (with G. Houser).

Algae as bioassay organisms. Department of Biology, Southeast Missouri State University, Cape Girardeau, Missouri, 1981.

U.S. EPA State-of-the-Art Seminar. Environmental Biology, Duluth, Minnesota, July 20-22, 1981.

Effects of watershed disturbance on water quality of streams. Department of Biology, Austin Peay State University, Clarksville, Tennessee, 1981.

Water Quality Indicator Organisms: Diatoms, U.S. EPA Laboratory, Cincinnati, Ohio, 1982.

Distribution and ecology of algae: Techniques. Joint U.S. Mexico Phycological Seminar and Workshop, Mexico City, Mexico, November 24-28, 1980.

Annual meeting of American Society of Limnology and Oceanography. University of Tennessee, Knoxville, Tennessee, June 16-19, 1980.

Liquid Scintillation Counting in Biology, Marine Biological Laboratory, Woods Hole, Massachusetts, 1980.

Algal-bacterial interactions. Department of Biology, Western Kentucky University, Bowling Green, Kentucky, November 1979.

Effects of simulated hypogravity on respiration and photo-synthesis of higher plants. XXI COSPAR Meeting, Innsbruck, Austria, May 28 - June 11, 1978 (with C.H. Ward).

N.S.F. Chautaugua Course - Energy Systems by H.T. Odum, Christian Brothers College, Memphis, Tennessee, 1978.

AEEP/NSF conference on fundamental research needs for water and wastewater treatment systems. Washington, D.C., December 13-14, 1977.

Impact of petroleum hydrocarbons on aquatic ecosystems. University of Houston - Clear Lake, November, 1977.

Algal populations and nutrient limitations in a small man-made lake. Sixth International Seaweed Symposium, Santa Barbara, California, August, 1977.

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The impact of urbanization on nutrient influxes to a small stream. Annual meeting of Texas Academy of Sciences, Baylor University, Waco, Texas, May 10-12, 1977.

System performance of wastewater stabilization ponds at Exxon's Baytown Petrochemical Facilities. U.S.A. Third World Congress on Water Resources, San Paulo, Brazil, 1977 (with C.H. Ward, R.J. Olsen, and S. Novak).

Impact of urbanization on algal population dynamics. Savannah River Ecology Laboratory, South Carolina, May 25, 1976.

Algal population dynamics and productivity in industrial stabilization ponds. Annual Purdue Industrial Waste Conference, West Lafayette, Indiana, May, 1976 (with R. Olsen, S. Novak, and C.H. Ward).

Impact of watershed development on a receiving stream. Annual meeting of American Society of Limnology and Oceanography, Skidway Institute of Oceanography, Savannah, Georgia, June, 1976.

Effects of hypogravity on photosynthesis and respiration of plants. AIBS-NASA Symposium of Higher Plant Experiments: Real and Simulated Space Conditions, Washington, D.C., February 7-8, 1976 (with C.H. Ward).

Oil Spill Prevention, Control and Countermeasures, Rice University, 1974

Interactions between algae and bacteria. Symposium on Ponds as a Wastewater Treatment Alternative, University of Texas, Austin, 1975.

Algal bioassay-Evaluation of the eutrophication potential of stormwater runoff. Annual meeting of Society of Industrial Microbiology, University of Rhode Island, Kingston, Rhode Island, July, 1975 (with C.H. Ward).

Effects of urbanization on phytoplankton ecology. Physicochemical parameters. Annual meeting of Phycological Society of America, Oregon State University, Corvallis, Oregon, 1975 (with C.H. Ward).

Photosynthesis and respiration of marigold subjected to clinostat simulated hypogravity. Annual meeting of Southern Section of American Society of Plant Physiologists, New Orleans, Louisiana, 1975 (with C.H. Ward).

Metabolism and energetics in hypogravity: Effects of gravity compensation on photosynthesis and respiration of *Tagetes patula* var. Petite Gold XII International Botanical Congress, Leningrad, USSR, 1975 (with C.H. Ward).

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Eutrophication studies in a planned community. Second World Congress on Water Resources, New Delhi, India, 1975 (with C.H. Ward).

Effects of inorganic nutrients on eutrophication of artificial impoundments. American Chemical Society, Houston, Texas, 1975 (with C.H. Ward).

Actinomycete Workshop, Meeting of Society of Industrial Microbiology, Rice University, 1975.

GRANTS AND CONTRACTS

Evaluation of Algal Bloom Potential near the Davis Pond Freshwater Diversion Project. Louisiana Department of Natural Resources. \$100,000. 2002-2006.

Aquatic Community Analysis of Lake Pontchartrain. Private source funding. \$2.2 million. 1997-2000.

Water quality assessment of Kentucky Lake embayments and other lakes in western Kentucky. U.S. Environmental Protection Agency, Clean Lakes Program - Kentucky Division of Water. \$120,000. 1991-1993.

Water quality and algal growth potential in Sandy River, Kentucky Reservoir. Tennessee Valley Authority. \$6,000. 1991-1992.

Water quality assessment of Kentucky Lakes. U.S. EPA Clean Lakes Program and Kentucky Natural Resources and Environmental Protection Cabinet. \$100,000. 1989.

Enhancement of Microscopy and Microtechniques in an Under-graduate Curriculum, Instrumentation in Laboratory Improvement Program. National Science Foundation. \$30,400. 1989.

Primary productivity evaluation of Kentucky Reservoir. Tennessee Wildlife Resources Agency. \$40,000. 1989-1993.

Commonwealth Center for Reservoir Ecology. Kentucky Council on Higher Education, funded for four years (1987-1990) at \$400,000/yr. 1987.

Endowed Professorship in Applied Ecosystems Ecology. Proposal funded by Kentucky Council on Higher Education. \$1,000,000. 1987.

Effects of aquatic herbicides on indigenous biota in Kentucky Reservoir. Tennessee Valley Authority. \$40,000. 1987.

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Phytoplankton populations, benthos, fish populations and water quality dynamics in Lake Pontchartrain. 1996-2000. \$2.2 million. Private source funding (Joint project with College of Engineering).

The algal populations and water quality of the lower Cumberland River. U.S. Army Corps of Engineers. \$30,000. 1987.

Inhibition of algal growth by select strain of *Pseudomonas*. Sybron Corporation. \$20,000. 1987.

Effects of herbicides on the growth of natural algal assemblages. Springborn Bionomics. \$5,000. 1987.

Water quality, phytoplankton populations and oxygen depletion in Barkley Lake during periods of high ambient temperatures. U.S. Army Corps of Engineers. \$90,000. 1987.

A comparative study of the water quality and phytoplankton community in lower portions of Kentucky and Barkley Lakes. Center for Institutional Studies and Research, Murray State University. \$2,000. 1984.

Acute toxicity of fossil fuel hydrocarbons to *Lemna*. U.S. EPA. \$60,000. 1984.

Nutrient limitations in the major tributaries and mainstream of Kentucky Lake. Center for Institutional Studies and Research, Murray State University. \$2,000. 1983.

A multidisciplinary approach to improvement of biology and biochemistry curricula. National Science Foundation ISEP. \$70,000. 1982.

Toxicity of lead and cadmium to *Lemna*. Center for Institutional Studies and Research, Murray State University. \$1,800. 1981.

Development of a laboratory manual for general botany at Murray State University. Center for Enhancement of Teaching Effectiveness, Murray State University. \$2,000. 1980.

Effects of chronic, low-level electromagnetic radiation on growth, development, and physiology of plants. NSAS (with C.H. Ward). \$90,000. 1976.

Study of metabolism and energetics in hypogravity and respiration, photosynthesis and pigmentation of plants exposed to hypogravity. NASA (with C.H. Ward). \$300,000. 1974.

Eutrophication studies in a planned new community - The Woodlands. U.S. EPA (with C.H. Ward). \$600,000. 1974.

JOE M. KING

PROFESSIONAL SERVICE

Reviews of Manuscripts and Books

Journal of Environmental Toxicology and Chemistry

Journal of Phycology

Water Research

Castanea

Worth Publishing Co. (textbook)

Manuscript Reviewer for U.S. EPA Environmental Biology State-of-the-Art Symposium

D. C. Heath & Co. (textbook chapters)

Toxicity Assessment, An International Quarterly

American Society of Testing and Materials

Lewis Publishers

Grant Proposal Reviews

Panel Member, National Science Foundation Graduate Research Fellowship Program,
February 2-4, 2008.

Review Panel for Dissertation Award in Natural Science and Engineering, University
Council
on Water Resources.

Environmental Biology Grant Review Panel, U.S. EPA

National Science Foundation

Member of Site Review Panel, U.S. EPA

U.S. Department of Agriculture

Man and the Biosphere Program, U.S. Department of State

Graduate Students -University of New Orleans

Served on several M.S. student committees and two Ph.D. committees.

Graduate Students - Murray State University

Potential of algae to produce mutagenic metabolites from pesticides - Ph.D. (Memphis

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State University - outside committee member)

Effects of herbicides on the structure and productivity of natural phytoplanktonic assemblages - Ph.D. (Joint program with University of Louisville)

Diatom Populations in Lake Barkley - M.S.

Toxicity of refined and synthetic petroleum to floating aquatic vascular plants - M.S.

Phytoplankton population dynamics and their contribution to the seston of Kentucky Lake - M.S.

Primary productivity, photosynthetic efficiency and water quality in a southeastern reservoir, Kentucky Lake - M.S.

Graduate Students - Rice University (co-advisor)

The sensitivity of *Selenastrum capricornutum* to No. 2 fuel oil - M.S.

Growth optimized algal cultures for hazard assessment - M.S.

Phytoplankton productivity in thermal cooling ponds - Ph.D.

Algal population dynamics in industrial stabilization ponds - Ph.D.

Toxicity of petroleum hydrocarbons to freshwater algae - M.S.

PROFESSIONAL SOCIETIES

A.A.A.S.

National Association of State Universities and Land-Grant Colleges (Delegate-Commission on Food, Environment and Renewable Resources, Fish and Wildlife Resources Section)

Council of Colleges of Arts and Sciences

University Council on Water Resources (Delegate)

Environmental Research Consortium of Louisiana

OTHER PROFESSIONAL SERVICE

Member – New Orleans MetroVision Biotechnology Cluster

Search Committee for Research Leader for Commodity Utilization, U.S. Department of Agriculture, Southern Regional Research Center, New Orleans, Louisiana

Board of Directors - Greater New Orleans Science and Engineering Fair

JOE M. KING

New Orleans Proposal Writing Committee, Louisiana Systemic Initiative Program for Improvement of Secondary Education in New Orleans

Member of Joint Task Group (Section 8211) on Toxicity Testing. Standard Methods for the Examination of Water and Wastewater, American Public Health Association

Member of Joint Task Group (Section 8220) on Aquatic Vascular Plant Toxicity Testing. Standard Methods for the Examination of Water and Wastewater, American Public Health Association

Member of Committee E-47 on Biological Effects and Environmental Fate, American Society for Testing and Materials

Co-sponsor of Symposium on Teaching Limnology Laboratories. Annual Meeting of Association of Southeastern Biologists, Baltimore, Maryland, April 20, 1990.

TEACHING EXPERIENCE

General Biology

General Botany

Ecology

Phycology

Algal Ecology

Limnology

General Microbiology

Aquatic Toxicology

Presidential Scholars Seminars - Natural Resources

Microbial Ecology (Guest Lectures)

Introduction to Environmental Sciences

Freshman Orientation