

*Curriculum vitae*  
of  
*Stephen J. Kopp, Ph.D.*

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**EDUCATIONAL BACKGROUND:**

**Ph.D. University of Illinois – 1976**

Field of Study – Physiology and Biophysics (Dissertation: *Influence of Cadmium on Cardiac Conduction in Mammalian Myocardium*). Major Advisor: Philip L. Hawley, Ph.D.

**B.S. University of Notre Dame – 1973**

*(cum laude)*

Major – Biology

**Postdoctoral Experience**

Postdoctoral Fellow/Graduate Assistant  
Saint Louis University Medical Center  
Department of Physiology  
*Mentor: Louis D'Agrosa, Ph.D.*

**1976-1977**

(Research Field: Cardiovascular Physiology – electrophysiological mechanisms of altered electrical rhythm in the heart induced by the divalent cations.)

Research Fellow and NIH Fellow  
University of Illinois at Chicago,  
Department of Biochemistry  
*Mentor: Michael Bárány, Ph.D.*

**1977-1979**

(Research Field: Cardiac Muscle Biochemistry – phosphorylation of myofibril proteins and regulation of myocardial contractility in chemically altered inotropic states.)

**Continuing Education**

Certificate

**2002**

Institute for Educational Management, Harvard Institutes for Higher Education, Harvard Graduate School of Education.

**CHRONOLOGY OF ADMINISTRATIVE AND ACADEMIC EXPERIENCE**

**Special Assistant to the Chancellor, Ohio Board of Regents..... 2004 – Present**

This special assignment is at the request of the Chancellor, Roderick G. W. Chu. It involves two areas of responsibility. They include leading a statewide initiative to advance innovative practices that will improve student access, learning productivity and accountability in Ohio public institutions of higher education; and assisting the nation of Hungary on behalf of the Board and the State of Ohio with implementing European Union higher education reforms (Bologna Process).

**Provost, Ohio University ..... 2002 – 2004**

Tenured Professor, Department of Biological Sciences, Ohio University ..... 2002 - Present

As provost at Ohio University, I shared with the president the central administrative role in the university and served as the chief academic and operating officer. In addition, I was the primary person responsible for planning the University budget [~\$540 million (FY2004)] and worked collaboratively with the vice presidents to coordinate other internal institutional and operational affairs and priorities.

## Major Initiatives and Accomplishments at Ohio University

Major accomplishments during two years at Ohio University are summarized below.

- ◆ Led Campus-Wide “Organizing for Learning” Initiative
  - Academic Quality Improvement Program (Higher Learning Commission of the North Central Association) – Led implementation of Ohio University Action Projects.
    - Action Project 1: *Develop and implement communication and orientation strategies that change expectations, attitudes, and behaviors of first-year students and foster their engagement in learning, research, and creative activity*
    - Action Project 2: *Support faculty adoption of teaching and learning strategies that value engagement in learning, research, and creative activity.* This project advances a focus on learning-centered strategies and creates
    - Action Project 3: *Provide residential programs and instructional spaces that facilitate student engagement in learning, research, and creative activity.*
    - Action Project 4: *Implement a revised general education program designed to ensure that students acquire deep, lasting knowledge through their engagement in learning, research, and creative activity.*
  - Organized and sponsored institutional team to attend and present at the AAHE Summer Academy, July 16-20, 2003, Snowbird, Utah
    - Project: "Preparing Faculty for Engaged Learning in General Education and Beyond".
      - \* Outcomes:
        - ❖ Developed long-range, comprehensive plan, integrating the work of the four AQIP committees into a multi-year faculty development initiative that is preparing faculty as designers and architects of active learning experiences.
        - ❖ Established key planning elements – Inputs, Priorities, Progress Indicators, Expected Results and Implementation Strategies.
        - ❖ Developed communication and dissemination strategies for recognizing and rewarding best practices – educational experiences that advance student expectations, achievement and learning outcomes.
        - ❖ Implemented communication plan to inform individual colleges about the National Survey on Student Engagement (NSSE) findings and their significance
        - ❖ Designed and tested student course and institutional portfolio assessment strategies for general implementation.
        - ❖ Linked future resource allocation decisions for colleges and units responsible for academic support services to attainment of this plan's priority goals.
        - ❖ Developed timeline for accomplishing the goals of the plan.
- ◆ Charged the Office of Graduate Studies to improve significantly the quality of service and range of services provided to applicants, students and graduate programs.
  - This initiative was led by the Associate Provost for Graduate Studies. Workflow and responsibilities for office functions were redesigned to improve efficiency; work processes were automated at multiple levels; and resources were redirected to expand and improve services.
- ◆ Led and Aligned Strategic Priorities with Declining Budget and State Subsidy Resources
  - Developed values-based budget planning principles to guide multi-year budget reductions and focus on the core mission of the University
  - Instituted differential budget reductions in colleges using performance criteria, accountability measures and multi-year trend analyses; redirected resources to support faculty-led learning initiatives
  - Authorized the implementation of a university position management system
  - Guided the preparation and endorsement of campus constituents for the new comprehensive Process for Institutional Planning and Budgeting
  - Initiated study focusing on enrollment management and strategies for revenue enhancement

## Major Initiatives and Accomplishments at Ohio University *(continued)*

- ◆ Launched “University Task Force on Inclusiveness and Equality” – Objective was to improve conditions for underrepresented groups and foster a climate conducive to increasing campus diversity and inclusiveness. The task force was charged to develop actionable recommendations for implementation in the fall of 2004.
- ◆ Initiated Comprehensive Information Technology Organization Study and Strategic Planning Process – Effectiveness and efficiency of IT operations have been improved. A strategic plan for developing a high performance, service excellence organization at Ohio University will be completed by mid-Fall 2004. Base funding for IT was stabilized through the creation of a new technology fee.
  - Established University Information Technology Steering Committee which has:
    - Assisted Ohio University IT leadership in determining University technology priorities
    - Developed short and long-term planning goals aligned with the University mission
    - Ensured prudent resource allocations that foster and sustain a responsive and service-oriented IT organization for all members of the university community
    - Performed annual review an progress toward strategic planning goals
    - Coordinated activities with statewide agency/consortium initiatives (e.g., OLN, OhioLink)
  - Provided support for the construction and development of the new Alden Library Learning Commons
- ◆ Coordinated University compliance with the recently enacted federal privacy regulations (HIPAA).
- ◆ Organized the Task Force on the National Study of Instructional Costs and Productivity (Delaware Study). Through this initiative, Ohio University is now a member of this national data-sharing consortium. This consortium is the generally acknowledged “tool of choice”, providing national benchmarking and customized analyses in support of participating members.
- ◆ Promoted and Sponsored Learning Communities Initiative — learning communities, residential (RLC’s) and faculty, have been launched across all colleges.
- ◆ Guided OU-College of Osteopathic Medicine (OU-COM) Clinic Privatization. Led and coordinated the central administration role in the logistical planning and implementation of the plan. The privatization of the clinic successfully met the goals of establishing new private physician practices, while yielding an annual savings of over \$2 million for OU-COM with no employee lay-offs.
- ◆ Charged University College to Initiate a Comprehensive Review and Overhaul of Pre-College and First-Year Orientation, and Develop First-Year Experience Program. The Pre-College registration program has been completely overhauled with improved course availability. New student orientation program has been upgraded, emphasizing academic expectations and foundations for learning. A new freshman experience program is being developed for implementation in 2005. All of these initiatives are targeted toward improving freshman engagement, as well as overall student academic achievement and retention.
- ◆ Established expectations for colleges to improve the availability of high demand courses and courses required for the timely progression of students to graduation. Significant progress has been made in improving course availability.
- ◆ Took action to institute a culture of assessment and accountability at OU. Following the commitment to make assessment a faculty-led enterprise, a Coordinator of Research and Planning for Learning (RPL) from the faculty was appointed in mid-2003. Comprehensive, faculty-led learning assessment initiatives have been organized and implemented. These initiatives are aligned with a comprehensive faculty development program for tenure-track faculty members and a/an renewal/enhancement program for tenured faculty members.
- ◆ Encouraged and funded recruitment and retention initiatives to improve campus diversity.
- ◆ Participated in the University’s \$200 Million Bicentennial Campaign – raised over \$7 million in major gifts and pledges in less than two years.

**Founding Dean, The Herbert H. and Grace A. Dow College of Health Professions,  
Central Michigan University ..... 1997- 2002**

Tenured Professor, Department of Health Sciences and Rehabilitation ..... 1997-2002

Responsibilities of this position included providing visionary leadership for developing and advancing the mission of this new college; formulating and guiding the College to achieve the goals set forth in its 1998-2005 strategic plan; prioritizing and advancing new educational programs; administering and advancing the quality of existing academic programs; personnel development; college-wide faculty development programming; appointing qualified faculty and professional staff; budgetary planning and management; reviewing academic program quality and educational outcomes; administrative service to the university; major gift fund-raising; state and federal government relations for the college; public and alumni relations and community networking. These responsibilities were carried out within the policy framework established by the Board of Trustees, the president, and the provost.

Major accomplishments during five years at CMU are summarized below.

- ◆ Crafted College's 7-year strategic plan, which was endorsed unanimously by college faculty vote.
- ◆ Authored the institution's comprehensive *Program Statement*, which guided the architectural design, planning and construction of CMU's new Health Professions Building. This facility was highlighted in *The Chronicle of Higher Education* for its advanced and integrated learning and technology resources (<http://www.chp.cmich.edu/announcements/ChronicleApr04.pdf>)
- ◆ Gained state approval and authorization of \$37.5 million for construction of new, \$50-million Health Professions Building (Building opened January 2004).
- ◆ Organized the college's first office for major gift fund-raising.
- ◆ Developed and led first college capital fund-raising campaign, which attracted over \$8.1 million in major gifts between 1999-2002 for the new Health Professions Building.
- ◆ Developed the proposal, which resulted in the single largest gift ever received by CMU, and led to the naming of the College of Health Professions for The Herbert H. and Grace A. Dow Foundation.
- ◆ Led planning efforts and proposal preparation resulting in the awarding of a \$600,000 Challenge Grant by the Kresge Foundation.
- ◆ Secured \$1.1 million in legislated federal funding to establish CMU's Rural Telehealth and Community Education Network (<http://www.chp.cmich.edu/rtcen/>).
- ◆ Assembled a statewide consortium of community and health care industry partners as part of the federally sponsored, Rural Telehealth and Community Education Network.
- ◆ Increased extramural funding for the college (grants and contracts) by over 10-fold (>\$2 million/year).
- ◆ Founded the University's first successful Residential College (<http://www.chp.cmich.edu/hprc/>).
- ◆ Cultivated and expanded community and corporate linkages (*i.e.*, affiliations) to improve the visibility and enhance the educational opportunities (*e.g.*, internship, clinical rotations) available to undergraduate and graduate students across all college programs.
- ◆ Constituted the first ever external Advisory Board for the college and recruited distinguished alumni, corporate, healthcare, education, government, community leaders to serve on it.
- ◆ Organized and implemented a comprehensive graduate student recruitment and enrollment management program for the college.
- ◆ Developed a comprehensive policy and procedure framework for administering this new college, including effective participatory faculty governance practices.
- ◆ Guided the planning and establishment of new undergraduate majors and doctoral degree programs, including a new blended distance/residential doctoral program in Health Administration.
- ◆ Instituted three-year life-cycle replacement plan for faculty computing.
- ◆ Instituted value-centered budget management principles in the college in conjunction with CMU's conversion to college-based, responsibility centered budget management system.
- ◆ Created *The Pulse*, the quarterly college newsletter.
- ◆ Developed and implemented a comprehensive, public relations plan for the college.
- ◆ Increased academic performance expectations across all programs, majors and minors.
- ◆ Implemented a performance-based management and evaluation system for college personnel.
- ◆ Formulated the CASE Statement and planning for a comprehensive \$25 million college campaign.

**Founding Dean, College of Allied Health Professions, Midwestern University ..... 1992 - 1997**

Tenured Full Professor, Department of Physiology ..... 1987 -1997  
Midwestern University, Downers Grove, IL

Responsibilities of this position included strategic planning for the development and advancement of this new college; the development of new educational programs in the allied health professions; the administration, supervision, management, development of existing academic programs, faculty and staff; coordination of academic/professional programs; recruitment and appointment of qualified faculty and professional staff; student recruitment, admission and retention programming; budgetary planning and management; assessment of academic program quality, services and requirements for compliance with professional program accreditation standards and guidelines; guidance of curriculum development and revision to meet the changing needs of each profession. These administrative responsibilities were carried out within the policy framework established by the Board of Trustees, the president, and the provost. Major accomplishments include the acquisition of degree-granting authority for a bachelor's degree from the State of Illinois Board of Higher Education for the Physician Assistant Program; the founding of this new educational program and the matriculation of the first class of students; achieving accreditation of the Physician Assistant Program by the Commission on Allied Health Education and Accreditation (CAHEA); strategic planning and awarding of Certificate granting authority from the State of Illinois for a Cardiovascular Technologist Program; the acquisition of degree-granting authority from the State of Illinois Board of Higher Education for three new master's degree programs: Physician Assistant Studies, Physical Therapy (PT), and Occupational Therapy (OT); and strategic planning and successful development of the PT and OT Programs within the College.

**Acting Dean, Allied Health Programs ..... 1991 - 1992**

Chicago College of Osteopathic Medicine, Downers Grove, IL

Responsibilities of this position included leading the development of new educational programs in the allied health professions, coordination of academic/professional programs; student recruitment; budgetary planning; interfacing with the Illinois Board of Higher Education, setting benchmarks for assessing program quality, services and requirements for compliance with program accreditation standards and guidelines; guiding curriculum development. These administrative responsibilities were carried out within the policy framework established by the Board of Trustees, the President, and the Vice President for Academic Affairs of the institution.

**Chairman, Department of Physiology, ..... 1983 - 1994**

Chicago College of Osteopathic Medicine, Downers Grove, IL

Responsibilities for this administratively appointed position included the following: providing academic and administrative leadership for advancing the instructional and research programs of the department; the recruitment and professional development of faculty and staff; strategic planning and prioritizing of department goals; the development of departmental policies and procedures; the formulation, administration and accounting of departmental budgets; representing the department in interdepartmental matters affecting teaching, research and service missions of the College. Major accomplishments included the development of a premiere teaching and research-oriented department that earned a prominent regional leadership role; significant growth in departmental extramural grant funding (< \$1000 in FY83 to > \$400,000 in FY93); and the development and successful implementation of a progressive, case-based human physiology curriculum.

**Assistant Director, Magnetic Resonance Laboratory ..... 1979 - 1985**

Chicago College of Osteopathic Medicine, Chicago, IL

Responsibilities included assisting with the design, organization and development of the institution's new NMR Laboratory, fostering the growth and coordination of interdisciplinary research programs, developing and adapting multiple organ perfusion and superfusion methods to enable whole organ NMR analysis, training and supervising faculty, staff and students in the use of the Nicolet 200 MHz NMR system, the acquisition of competitive extramural funding, the organization of a graduate training program for dual degree candidates, supervision of technical staff, and the preparation of administrative reports.

## **ACADEMIC APPOINTMENTS**

- Professor (tenured), Department of Biological Sciences** ..... 2002 - Present  
Ohio University, Athens, OH 45701
- Professor (tenured), Department of Health Promotion and Rehabilitation** ..... 1997 - 2002  
Central Michigan University, Mount Pleasant, MI 48858
- Professor (tenured), Department of Physiology** ..... 1987 - 1997  
Chicago College of Osteopathic Medicine/Midwestern University, Chicago/Downers Grove, IL
- Associate Professor (tenured), Department of Physiology** ..... 1982 - 1987  
Chicago College of Osteopathic Medicine, Chicago, IL (Tenured 1982)
- Assistant Professor, Department of Physiology** ..... 1979 - 1982  
Chicago College of Osteopathic Medicine, Chicago, IL
- NIH Postdoctoral Fellow** ..... 1978 - 1979  
Department of Biological Chemistry, University of Illinois at Chicago, Chicago, IL
- Research Associate** ..... 1977-1978  
Department of Biological Chemistry, University of Illinois at Chicago, Chicago, IL
- Postdoctoral Fellow** ..... 1976-1977  
Department of Physiology, St. Louis University Medical School, St. Louis, MO
- Teaching Assistant** ..... 1973 - 1976  
Department of Physiology, University of Illinois at Chicago, Chicago, IL

## **OTHER ACADEMIC APPOINTMENTS:**

- Visiting Assistant Professor, Department of Physiology, University of Illinois at Chicago, 1980-1982.  
Visiting Associate Professor of Physiology, Illinois College of Optometry, 1985-1987.  
Visiting Associate Professor, Department of Physiology, University of Illinois at Chicago, 1986-1989.

## **INTERNATIONAL EXPERIENCE:**

- In 2004 served on a two member advisory team to the Hungarian Ministry of Education on behalf of the Ohio Board of Regents assisting the nation of Hungary with implementing European Union higher education reforms (Bologna Process)
- In 2004 led delegation to Bangalore, India and delivered commencement address for graduating MBA students in the Ohio-Manipal School of Business, Bangalore, India.
- In 2004 led Ohio University delegation to Amman, Jordan to explore educational programming, and faculty/student exchange opportunities with Jordanian public universities.
- In 2003 led university delegation to Kuala Lumpur, Malaysia to explore educational program and student exchange opportunities and delivered 6<sup>th</sup> Tun Razak Lecture.
- Served as Ohio University representative on the Executive Committee of the David C. Lam Institute of East West Studies in Hong Kong, replacing Dr. Charlie Ping, President Emeritus, at his request. Attended LEWI board meeting in Hong Kong in November 2002 and explored new educational initiatives with Chinese University, Macao University and Hong Kong Baptist University.
- Performed collaborative research in 1982 and delivered an invited keynote scientific paper at Philipps Universität, Marburg, West Germany in 1984

## FUNDRAISING EXPERIENCE:

### OHIO UNIVERSITY

- ◆ **Bicentennial Campaign:** Main role has been cultivation of new potential major gift prospects in Ohio, Florida and Michigan and stewardship of major donors. Visits during the last eighteen months have resulted in over \$7 million in major gifts to OU's Campaign, including one endowed professorship in the College of Communication and major gifts (\$1.1 million and \$5 million, respectively) to the Library and College of Engineering and Technology.

### CENTRAL MICHIGAN UNIVERSITY

- ◆ **College Development Program:** Organized and established the first capital gift fund-raising program within the college at CMU in 1999.
- ◆ **College Capital Gift Fund-Raising:** Major foundation gifts and pledges and gifts from key alumni benefactors resulted in more than **\$8,100,000** in gifts and pledges (irrevocable) between 1999 – 2002 at CMU. Led initiative and proposal development, which resulted in the awarding of a \$600,000 Kresge Foundation Challenge Grant in 2002.
- ◆ **Annual Giving:** Alumni and annual giving increased by almost ten-fold since 1997; participation by faculty and staff in the college tripled during the last four years at CMU.

## EXPERIENCE WITH NEW ACADEMIC PROGRAM DEVELOPMENT:

### APPLICATIONS TO STATE BOARDS OF HIGHER EDUCATION:

I have served as the principal author for each Illinois Board of Higher Education (IBHE) *Application for Degree Granting Authority for Independent Colleges and Universities* listed below and served as the major contributing author for the institutional application to the Arizona State Board for Private Postsecondary Education. These applications were submitted to obtain degree-granting authority to operate the new programs developed within that university. The actions by the respective Boards in response to each application are summarized below, as well.

- *Arizona State Board for Private Postsecondary Education Application for Regular Degree Granting License for the Degrees of Bachelor of Medical Science in Physician Assistant Studies and Master of Medical Science in Physician Assistant Studies.* Authorship role: Contributing author. Submitted: Dec. 30, 1994. AZ Board Action: **Approved**, January 17, 1995.
- *IBHE Application for Authority to Grant a Degree in Occupational Therapy (Master of Occupational Therapy degree).* Authorship role: Principal author. Submitted: November 17, 1994. IBHE Action: **Approved**, March 7, 1995.
- *IBHE Application for Authority to Grant a Degree in Physical Therapy (Master of Physical Therapy degree).* Authorship role: Contributing author. Submitted: July 5, 1994. IBHE Action: **Approved**, January 10, 1995.
- *IBHE Application for Authority to Grant a Master's Degree in Physician Assistant Studies (Master of Medical Science in Physician Assistant Studies degree).* Authorship role: Principal author. Submitted: November 30, 1993. IBHE Action: **Approved**, May 3, 1994.
- *IBHE Application for Authority to Grant a Certificate of Training in Cardiovascular Technology.* Authorship role: Principal author. Submitted: November 15, 1992. IBHE Action: **Approved** - May 3, 1993
- *IBHE Application for Authority to Grant a Bachelor's Degree in Physician Assistant Studies (Bachelor of Medical Science in Physician Assistant Studies degree).* Authorship role: Principal author. Submitted: November 15, 1991. IBHE Action: **Approved** - March 3, 1992.
- *IBHE Application for Authority to Grant Degrees in Pharmacy [Bachelor's (B.S., Pharmacy); and doctoral (Pharm. D.) degrees].* Authorship role: Contributing author. Submission Date: November 30, 1990. IBHE Action: **Approved** - May 3, 1991.

## **REGIONAL and SPECIALIZED ACCREDITATION EXPERIENCE:**

- 1995-1997 *Accreditation Surveyor* for the American Osteopathic Association, Department of Education, Division of Predoctoral Education.
- 1996 Authored institution's accreditation progress report to the Commission on Accreditation of Allied Health Education Programs (CAAHEP), for approval of the planned extension of the Physician Assistant Program to Midwestern University's Glendale campus. *Accreditation Application Outcome: **Approved, accreditation granted, effective 6/97.***
- 1995-1996 Served as a contributing author and editor to the institution's initial accreditation application and formal program Self-Study to the Accreditation Council for Occupational Therapy Education (Letter of Review) for new, developing occupational therapy program. *Accreditation Application Outcome: **Letter of Review, first phase of accreditation, was granted, effective 8/96.***
- 1995 Served as editor for the institution's accreditation renewal application and self-study to the Commission on Accreditation of Allied Health Education Programs (CAAHEP, formerly CAHEA) for re-accreditation of the Physician Assistant Program. *Accreditation Application Outcome: **Continued program accreditation was awarded for five (5) years.***
- 1994-1995 Served as a contributing author and editor to the institution's initial accreditation application and self-study (Declaration of Intent) to the Council on Accreditation in Physical Therapy Education for accreditation (candidate status) for our developing physical therapy program. *Accreditation Application Outcome: **Candidate Status was approved, effective 11/95.***
- 1992-1993 Co-authored the application for institutional accreditation to the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools (NCA). *Accreditation Application Outcome: **Institutional accreditation was granted on the first review.***
- 1992 Served as principal author for the institution's initial accreditation application and self-study to the Committee on Allied Health Education and Accreditation (CAHEA) for accreditation of the Physician Assistant Program. *Accreditation Application Outcome: **Program accreditation was granted.***
- 1990-1991 Served as primary author for the institution's initial accreditation application for pre-candidate status, which was submitted to the American Council on Pharmaceutical Education (ACPE) to establish new educational programs in pharmacy (B.S. Pharmacy, Pharm.D.). I authored the self-study documents, which were integral to this application. *Accreditation Application Outcome: **Accreditation (pre-candidate status) granted.***

## **NATIONAL LICENSURE EXAM EXPERIENCE:**

Member, National Board of Osteopathic Medical Examiners, Physiology Test Construction Committee, 1987 - 1996

## **RECENT CONFERENCE PRESENTATIONS AND INVITED SPEECHES**

### ***RECENT PEER-REVIEWED CONFERENCE ABSTRACTS AND PRESENTATIONS:***

- KOPP, S.J.** (2004). Invited Conference Presenter. *Organizing for Learning/Critical Thinking-Centric Education*. 24<sup>th</sup> International Conference on Critical Thinking. Palo Alto, CA, July 12-15.
- KOPP, S.J.** (2004). Keynote Address: *Rethinking 21<sup>st</sup> Century Learning and Accountability in Public Higher Education*. Association of University Regional Campuses of Ohio Conference, Ironton, OH, April 17.
- KOPP, S. J.,** Descutner, D., Kovalchick, A. (2004). *Advancing Student Learning Through Faculty Enrichment: A Participatory Approach To Institutional Change – Engineering The Learning-Centric Public Research University of the Future*. AAHE National Learning to Change Conference: Learning in 3D: Democratic Transformations, Diversity Redefined, Digital Environments. San Diego, CA, April 1-3.
- Descutner, D. **KOPP, S.J.** (2003). *Accomplishing Change in a Decentralized Institution: Key Moments in One University's Efforts to Become a Learning-Centric University*. Annual Meeting of The Higher Learning Commission. Hyatt Regency Chicago, Chicago, IL, April 14-15.
- Kendall, J., **KOPP, S.J.,** Rohlfing, K. (2002). *Adaptive Learning Environments: Meeting Educational Needs in a Changing World*. Society for College and University Planning's Thirty-Seventh Annual, International Conference and Expo. San Diego, CA, July 13-17.

### **RECENT PEER-REVIEWED CONFERENCE ABSTRACTS AND PRESENTATIONS (continued):**

- KOPP, S.J.** (2002). *Public Health Surveillance and Disease Surveillance: Perspectives and Implications for Health Promotion/Disease Detection/Prevention.* **Healthcare Forum**, MiCTA 2002 (National) Spring Conference. Soaring Eagle Conference Center and Resort, Mt. Pleasant, MI, April 29 - May 1.
- KOPP, S.J.** (2002). *Advanced Technology in Learning Facility Environments.* Annual Michigan Architectural Institute of America Annual Conference (Session B-10). Soaring Eagle Conference Center and Resort, Mt. Pleasant, MI, April 18-19.
- KOPP, S.J.** (2002). *CMU and Rural Health: Shaping a Healthier Future.* Fifth Annual Michigan Rural Health Conference. Holiday Inn Conference Center, Mt. Pleasant, MI, April 25-26.
- Kendall, J., **KOPP, S.J.**, Rohlfing, K. (2001). *Next Generation Educational Buildings: Converging Learning, Research and Clinical Environments for the 21<sup>st</sup> Century.* Society for College and University Planning, North Central Regional Conference 2001. Madison, WI, October 21-23.
- KOPP, S.J.**, Ledlow, J., Grodzinski, A. (2001). *Advances In Public Health Surveillance and Consumer Health Informatics: Perspectives and Implications for Public Policy and Health Management.* **Symposium**. State-of-the-Art Telehealth/Telemedicine, An International Perspective. Ann Arbor, MI, August 22-25.
- Webster, D.L., **KOPP, S.J.** (2001). *Negotiating A Faculty Position in Athletic Training.* Athletic Training Educators' Conference. January 19-21, 2001, Dallas, TX, January 19-21.
- Kaiser, D.A., **KOPP, S.J.**, Webster, D.L. (2001). *Location, Location, Location! What's Best For the Athletic Training Education Program.* Athletic Training Educators' Conference. Dallas, TX, January 19-21.
- Davenport, R., Armstrong, L. **KOPP, S.**, Peer, R. (2000). *How Responsibility-Centered Management Enhances Opportunities for Educational Innovation and Accountability.* *American Association for Higher Education National Conference.* Anaheim, CA., March 29- April 2.
- Davenport, R. **KOPP, S.**, Peer, G. (1999). *Modifying the RCM (Responsibility-Centered Management) Model.* *American Association for Higher Education Summer Academy.* Snowmass, CO, July 14-19.

### **INVITED SPEECHES AND PRESENTATIONS SINCE 1999:**

- Commencement Speaker*, Ohio-Manipal School of Business, MBA Class of 2003, Bangalore, India. Feb.1, 2004.
- Keynote Speaker*, The 6<sup>th</sup> Tun Razak Lecture. *Learner Centered Education in the Knowledge Age.* Kuala Lumpur, Malaysia. July 22, 2003.
- Keynote Speaker*, Central/Southeast Ohio Teacher Quality Regional Conference (Sponsored by the Ohio Board of Regents and hosted by The Ohio State University, Ohio University, and Capital University). *Active Learning: Shifting to Learning Through Inquiry.* October 29, 2002.
- Invited Speaker*: Lansing Community College. Administrative Leadership Planning Retreat. *Learning and Technology Integration - The Reshaping Higher Education.* June 4, 2002.
- Keynote Speaker*: Ohio University First Annual Spotlight on Learning Conference. *Student Engagement Within the Context of a Learning Community – Changing Expectations and Horizons.* May 16, 2002.
- Keynote Address*: Michigan Speech and Hearing Association Annual Meeting – Awards' Luncheon. *The Winds of Change – Mind Over Matter, Meeting the Challenges of Tomorrow.* March 15, 2002.
- Keynote Speaker*: Sparrow Health System and Affiliate Executive Planning Retreat. *The New Knowledge Industry and the Reshaping of Health and Health Care Expectations Amid the New Egalitarianism of the Early 21<sup>st</sup> Century.* August 17, 2001.
- Keynote Speaker*: Central Michigan Community Hospital/Sparrow Health System Strategic Planning Retreat. *"Environmental Trends in Health Care."* June 6 and 8, 2001.
- Invited Speaker*. Michigan Chapter of the College and University Professional Association for Human Relations, Annual Meeting. *Implementation and Experience with Post-Tenure Review at Central Michigan University.* Mount Pleasant, MI. February, 15, 2001.
- Invited Speaker and Facilitator*. *A Vision for Learning in the 21<sup>st</sup> Century.* The Smith Group's International Educational Technology Planning Team, Detroit, MI. September 7, 2000.
- Featured Speaker*: Mount Pleasant Area Chamber of Commerce Leadership Institute. *Health Care Trends – Perspectives, Challenges and Opportunities.* December 15, 2000.
- Keynote Speaker*, Opening Session of Central Michigan Health System Community Strategic Planning Initiative. *"Futuristic Perspectives Concerning Technology & Health Care in the 21<sup>st</sup> Century."* October 20, 1999.

***PROFESSIONAL DEVELOPMENT CONFERENCES/INSTITUTES ATTENDED SINCE 1997:***

American Association for Higher Education Workshop: *What Faculty and Administrators Need To Know About Learning*. February 20-22 – College Park, MD

CASE Conference for Deans – Toronto, Canada (1999)

AAHE Summer Academy – Colorado (1999)

Council for Advancement and Support of Education (CASE) Conference – Major Gift Fund-Raising for Deans – San Francisco, CA (1998)

**PROFESSIONAL SERVICE ROLES SINCE 1994: International, National, State, and Community Boards and Councils**

National Advisory Council for Excellence in Critical Thinking  
Member, 2004 – Present

Ohio Board of Regents State Share of Instruction Consultation Committee  
Member, 2004

Ohio Board of Regents Advisory Committee on Public Higher Education Accountability  
Member, 2003 – Present

Inter-University Council of Ohio, Provosts Council  
Member, 2002 – 2004

Executive Committee, David C. Lam Institute for East-West Studies, Hong Kong Baptist University, Hong Kong  
Member, 2002– 2004

*Ohio Learning Network Governing Board, Ohio Board of Regents*  
Member, 2002 – 2004

*OhioLINK Board of Directors*  
Member, 2002 – 2004

*Board of Directors, Central Michigan Community Hospital*  
Member, 2001– 2002

*Rural Health Initiative Medical Equipment and Technology Work Group (Michigan Center for Rural Health)*  
Member, 2001 - 2002

*Isabella County Health and Human Services Collaborative Council*  
Member, 2000 – 2002

*Board of Trustees, Michigan Health Council*  
Member, 1999 – 2002

*Association of Schools of Allied Health Professions (ASAHP) Committees*  
Member, Education Committee (1999-2000)  
Member, Research Committee (1999-2000)  
Member, Clinical Outcomes Assessment (1999-2000)

*Central Michigan Health Systems/Hospital Strategic Planning Committee*  
Member, 1999 – 2002

*National Building Linkages Project – Health Science Career Path Model – Academic Foundations Task Force*  
Member, 1999

*Registry of Evaluators of Colleges of Osteopathic Medicine, Bureau of Professional Education, American Osteopathic Association.*  
Member, 1996-1997

*Illinois Board of Higher Education - Physical Therapy Articulation Panel.*  
Member, 1993-1995.

*Board of Governors, American Heart Association of Metropolitan Chicago.*  
Member, 1993-1997

## **PROFESSIONAL SERVICE ROLES SINCE 1994: International, National, State, and Community Boards and Councils** *(continued)*

*Advisory Board, Illinois Area Health Education Centers Program.*

Member, 1993-1997

*American Heart Association of Metropolitan Chicago Research Council.*

Member, 1992-1997 *Illinois Board of Higher Education Health Care General Education Task Force, Illinois Articulation Initiative: Physical Therapy Articulation Panel.*

Member, 1992-1994

*American Osteopathic Association Council on Research Grants.*

Member and Vice Chairman, 1993-95.

## **FEDERAL SECURITY CLEARANCE LEVEL:**

“**SECRET**” – Notification received October 2003; required for certain federal grants

## ***SCIENTIFIC PEER REVIEW ACTIVITIES***

National Research Council of Canada: Reviewer for Scientific Criteria Document NRCC16736, entitled, "Effects of Lead in the Environment - 1978. Quantitative Aspects."

Invited Journal Manuscript Reviewer for:

*American Journal of Nutrition*

*American Journal of Clinical Nutrition*

*American Journal of Physiology*

*Biochimica Biophysica Acta*

*Biomedical and Environmental Sciences*

*Cancer Research*

*Current Eye Research*

*Journal of Clinical and Laboratory Investigation*

*Life Sciences*

*Toxicology and Applied Pharmacology*

*Periodicum Biologorum*

*Proceedings for the Society of Experimental Biology and Medicine*

*Proceedings of the National Academy of Sciences (USA)*

## ***EXTERNAL SCIENTIFIC GRANT REVIEW COMMITTEES:***

*National Institutes of Health: 9 occasions, 1981 - 1988.*

Special Study Section Member and Site-Visitor for grants submitted to the following Institutes:

National Heart, Lung and Blood;

National Institute of Diabetes and Digestive and Kidney Diseases;

National Institute of Neurological and Communicative Disorders and Stroke.

*Department of Energy, Office of Health and Environmental Research, 1981.*

Invited Grant Reviewer

*Tobacco and Health Research Institute, 1983 - 1986.*

Invited Grant Reviewer.

*American Heart Association of Metropolitan, Chicago Grant Review Committee,*

Member: 1988 - 1990 and 1991 - 1997.

*American Heart Association of Metropolitan Chicago, Fellowship Review Committee,*

Member: 1988- 1997.

*American Heart Association of Metropolitan Chicago, Ralph S. Zitnik, M.D. Clinical Investigatorship*

Review Committee, Member: 1988 - 1989.

*American Heart Association of Metropolitan Chicago, Research Council, Member: 1992- 1997.*

*American Osteopathic Association, Committee on Research Grants; Member and Vice Chairman. 1992-1995*

## OVERVIEW/SUMMARY OF TEACHING EXPERIENCE

### OHIO UNIVERSITY

**BIOS 355/555 Principles of Physiology II Laboratory** .....2004

**TCOM 498 Explorations in Reasoning, Creativity and Imagination**.....2003

**UNIVERSITY COLLEGE:** .....2002

*The University Experience: Freshman Experience Course – 1 Course section annually*

### CENTRAL MICHIGAN UNIVERSITY

**COLLEGE OF HEALTH PROFESSIONS:** ..... 1999 – 2002

*Introduction to the Health Professions, HPS 101 – 1 Course section annually*

### MIDWESTERN UNIVERSITY (after 1993; formerly the Chicago College of Osteopathic Medicine)

**CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE, Department of Physiology:** .....1983-1996

**Course Director: 1983 - 1994**

Medical Physiology 402, 403, 404.....1983-1987

Medical Physiology 502, 503, 401, 402.....1985-1987

Medical Physiology 401, 402.....1987-1994

*Introduction to Clinical Medicine, 6th Quarter Program* .....1986-1993

*Physiology Lecturer:* .....1994 -1997

**COLLEGE OF ALLIED HEALTH PROFESSIONS:** .....1992 - 1997

**Course Director:**

Principles of Electrocardiography, Physiology 350 .....1992-1997

**Contributing lecturer to the following courses:**

Human Physiology: Pharmacy and Physician Assistant Programs Courses:

301-302 .....1992-1997

311 and 322.....1992-1997

311-C and 312-C.....1992-1997

**SUBJECT AREAS TAUGHT:** Physiology and Biophysics of Excitable Cells, Muscle Physiology, Electrocardiography, Cardiac Physiology and Mechanics, Peripheral Circulation; Clinical Problem-Solving in Cardiology, Nephrology, Electrolyte Disorders, Gastroenterology, Neurology, Pulmonary Medicine and Endocrinology.

**INNOVATIVE ACCOMPLISHMENTS:** .....Designed and developed a comprehensive, clinically-based case approach to the instruction of human physiology for medical students. This reform in the curriculum was designed to foster an inquiry-based model of learning. It was introduced in the medical school curriculum in 1985 and later adapted for use with other health professions programs. This novel approach integrated didactic pedagogy with applied clinical problems to create theory-to-practice, practice-to-theory learning experiences. Critical thinking and clinical problem-solving skills were blended as part of the curriculum and modeled after clinical decision-making algorithms. The motive underlying this initiative was to nurture and imprint cognitive patterns and decision-making skills that parallel those of practicing physicians. To this end, problem-based examination methods (e.g., case vignettes), which are now the norm for standardized medical licensure examinations, were also developed in conjunction with this transformation in the curriculum.

## **OVERVIEW/SUMMARY OF TEACHING EXPERIENCE** *(continued)*

**ILLINOIS COLLEGE OF OPTOMETRY**, Department of Basic Sciences: .....**1985-1987**

*Fundamentals of Physiology*

*Topics in Pathophysiology*

**UNIVERSITY OF ILLINOIS AT CHICAGO**, Department of Physiology: .....**1977-1979**

PHY201 *Fundamentals of Physiology with Laboratory*

PHY370 *Human Physiology*

**ST. LOUIS UNIVERSITY MEDICAL SCHOOL**, Department of Physiology: .....**1976-1977**

PHY254 *Fundamentals of Physiology*

## **PROFESSIONAL ORGANIZATIONS**

- American Association for Higher Education
- American Council on Education
- American Physiological Society
- Biophysical Society
- Society of Toxicology
- Society for Environmental Geochemistry and Health

## **FELLOWSHIPS, HONORS, AWARDS:**

- Who's Who in Frontiers of Science and Technology: 1983
- Outstanding Young Men of America Award: 1980
- Recipient, PHS National Research Service Award (NIH): 1978
- Granite City Steel Research Fellowship Recipient: 1975

## **CONSULTANTSHIPS AND SERVICE ACTIVITIES:**

### ***CONSULTANTSHIPS:***

Consultant, MITRE Corporation, McClean, Virginia 1980-1981. Review and critique of government document MTR80W00235: "Short Term Cardiovascular Testing Techniques".

Member, Biotechnology Committee of the West Suburban Regional Academic Consortium, 1987-1989.

## **RESEARCH AND SCHOLARLY ACTIVITY**

### **GRADUATE RESEARCH AND DOCTORAL DISSERTATION ADVISING**

Responsible for organizing a doctoral program (Ph.D.) with the Department of Physiology, University of Illinois at Chicago for osteopathic medicine candidates (D.O.) seeking combined research and clinical science careers. Successfully served as the dissertation and research advisor for two Ph.D. students:

- Robert C. Prentice, D.O., Ph.D.; first combined degree candidate to successfully complete a Ph.D. degree through this joint institutional program, June, 1982.
- Gregory Kisling, D.O., Ph.D.; graduated from this program in June 1989.

### **DOCTORAL DISSERTATION:**

*KOPP, S. J.* (1976). Influence of Cadmium on Cardiac Conduction in Mammalian Heart. University of Illinois at the Medical Center, Department of Physiology, Doctoral Dissertation.

## EXTERNAL FUNDING/GRANT HISTORY:

### **RECENT EXTRAMURAL FEDERAL FUNDING INITIATIVES:**

*Rural Telehealth and Community Education Network Project* (1 D1B TM 00052-01). Funded, June-July 2002-2003. Earmarked federal funding through HRSA and the Office for the Advancement of Telehealth. Funding is for Phase I of this project. Award: \$483,000; Project Role: Principal Investigator.

*Rural Telehealth and Community Education Network Project.* (1 D1B TM 00028-01) Funded, July-August 2001-2002. Earmarked federal funding through HRSA and the Office for the Advancement of Telehealth. Funding is for Phase II of this project. Award: \$707,000; Project Role: Principal Investigator.

### **PREVIOUS RESEARCH GRANT FUNDING:**

Max Goldenberg Foundation. *The Effects of Vanadium on GLUT-4 Glucose Transporter.* \$4,000 award 1992-1993. Project Role: Principal Investigator.

Sigma Tau Pharmaceuticals. *Protective Effects of Carnitine Analogues in Preventing Diabetic Cardiomyopathy.* 1/89 - 6/92. Award: \$80,000. Project Role: Co-Investigator.

NIH R15 DK41451. *Metabolic Actions of Vanadium in Diabetes and Obesity.* 5/89 - 1/92. Award: \$70,000. Project Role: Principal Investigator.

NIH R29 AM 36155. *Cardiac Function in Diabetes; Effects of Exercise.* 09/85 - 08/90. Award: \$107,500. Project Role: Co-Investigator.

Chicago Heart Association. *Glucose and Lipid Metabolism of Vascular Smooth Muscle.* 07/87 - 06/89. Award: \$39,534. Project Role: Co-Investigator.

Weight Watchers Association. *Prevention of Obesity-Induced Cardiomyopathy by Exercise Training and/or Caloric Restriction.* 09/86 - 08/88. Awarded \$27,100. Project Role: Co-Investigator.

American Diabetes Association. *Effects of L- Carnitine Therapy on Diabetic Cardiomyopathy.* 10/85 - 09/87. Award: \$50,000. Project Role: Co-Investigator.

Max Goldenberg Foundation. \$5,000 annually 1982 through 1988. Project Role: Principal Investigator.

Chicago Community Trust Foundation Award: \$25,000. 7/83 - 6/84.

American Heart Association Grant 81 1070. *P-31 NMR Evaluation of Cardioplegic Solutions.* 7/82 - 6/84. Award: \$30,360; Project Role: Co-Investigator.

NIH RO1 EY03988. *<sup>31</sup>P Spectroscopy and Histopathology of Cataractous Lens.* 2/81 - 1/85. Award (TDC): \$277,390; Project Role: Co-Investigator.

NIH RO1 ES02397. *Cd/Pb Exposure: Cardiovascular and Metabolic Effects.* 4/81 - 3/84. Award [Total Direct Costs (TDC)]: \$168,032; Project Role: Principal Investigator.

## PEER-REVIEWED PUBLICATIONS:

### **I. PEER-REVIEWED JOURNAL ARTICLES** (*Chronological Order – earliest to most recent*)

Hawley, P.L., and S.J. KOPP (1975). Extension of PR interval in isolated rat heart by cadmium. *Proc. Soc. Exp. Med.* **150**, 669-671.

KOPP, S.J. and P.L. Hawley (1976). Factors influencing cadmium toxicity in A-V conduction systems of isolated perfused rat heart. *Toxicol. Appl. Pharmacol.* **37**, 531-544.

Fitch, C.D., R. Chevli, J.S. Petrofsky, and S.J. KOPP (1978). Sustained isometric contraction of skeletal muscle depleted of phosphocreatine. *Life Sci.* **23**, 1285-1292.

## I. PEER-REVIEWED JOURNAL ARTICLES (continued)

- KOPP, S.J., J.C. Baker, L.S. D'Agrosa, and P.L. Hawley. (1978). Simultaneous recording of His bundle electrogram, electrocardiogram and systolic tension from intact modified Langendorff rat heart preparations. I: Effects of perfusion time, cadmium and lead. *Toxicol. Appl. Pharmacol.* **46**, 475-487.
- KOPP, S.J., J.C. Baker, and L.S. D'Agrosa. (1978). Simultaneous recording of His bundle electro-gram, electrocardiogram and systolic tension from intact modified Langendorff rat heart preparations. II: Dose-Response relationship of cadmium. *Toxicol. Appl. Pharmacol.* **46**, 489-497.
- KOPP, S. J., and P.L. Hawley. (1978). Cadmium feeding: Apparent depression of atrioventricular His-Purkinje conduction system. *Acta Pharmacol. Toxicol.* **42**, 110-116.
- KOPP, S. J., V. Fischer, M. Erlanger, E.F. Perry, and H.M. Perry, Jr. (1978). Influence of chronic low level cadmium feeding on various electrocardiographical, biochemical and morphological indices of the mammalian heart. *Proc. Soc. Exp. Biol. Med.* **159**, 339-345.
- KOPP, S.J. and M. Bárány. (1979). Phosphorylation of the 19,000-dalton light chain of myosin in perfused rat heart under the influence of negative and positive inotropic agents. *J. Biol. Chem.* **245**, 12007-12012.
- KOPP, S.J., T. Glonek, M. Erlanger, E.F. Perry, M. Bárány, and H. M. Perry, Jr. (1980). Cadmium and lead effects on myocardial function and metabolism. *J. Environ. Path. Toxicol.* **4**, 205-227.
- KOPP, S.J., and T. Glonek, M. Erlanger, E.F. Perry, M. Bárány, and H.M. Perry, Jr. (1980). Altered metabolism and function of rat heart following chronic low level Cd/Pb feeding. *J. Mol. Cell. Cardiol.* **12**, 1407-1425.
- KOPP, S.J., M. Bárány, M. Erlanger, E.F. Perry, and H.M. Perry, Jr. (1980). The influence of chronic low level cadmium and/or lead feeding on myocardial contractility related to phosphorylation of cardiac myofibril proteins. *Toxicol. Appl. Pharmacol.* **54**, 48-56.
- KOPP, S.J., H.M. Perry, Jr., T. Glonek, M. Erlanger, E.F. Perry, M. Bárány, and L. S. D'Agrosa. (1980). Cardiac physiologic/metabolic changes following chronic low level heavy metal feeding. *Am. J. Physiol.* **239**, H22-H30.
- KOPP, S.J., and M. Bárány. (1980). Influence of isoproterenol and calcium on cadmium- or lead-induced negative inotropy related to cardiac myofibrillar protein phosphorylation in perfused rat heart. *Toxicol. Appl. Pharmacol.* **55**, 8-17.
- KOPP, S.J., J.V. Greiner, and T. Glonek. (1981). Analysis of rat lens metabolites by P-31 NMR spectroscopy. *Current Eye Res.* **1**, 375-380.
- Greiner, J.V., S.J. KOPP, D.R. Sanders, and T. Glonek. (1981). Organophosphates of the crystalline lens: A nuclear magnetic resonance spectroscopic study. *J. Invest. Ophthalmol. Vis. Sci.* **21**, 700-713.
- KOPP, S.J., T. Glonek, and J.V. Greiner. (1982). Interspecies variations in mammalian lens metabolites as detected by P-31 NMR. *Science.* **215**, 1622-1625.
- Greiner, J.V., S.J. KOPP, J.M. Mercola, and T. Glonek. (1982). Organophosphate metabolites of the human and rabbit crystalline lens: A phosphorus-31 nuclear magnetic resonance spectroscopic analysis. *Exp. Eye Res.* **34**, 345-352.
- Greiner, J.V., S.J. KOPP, D.R. Sanders, and T. Glonek. (1982). Dynamic changes in the organophosphate profile of the experimental galactose-induced cataract. *J. Invest. Ophthalmol. Vis. Sci.* **22**, 613-624.
- Greiner, J.V., S.J. KOPP, and T. Glonek. (1982). Dynamic changes in the organophosphate profile upon treatment of the rabbit crystalline lens with dexamethasone. *J. Invest. Ophthalmol. Vis. Sci.* **23**, 14-22.
- Glonek, T., S.J. KOPP, E. Kot, J.W. Pettegrew, and M.M. Cohen. (1982). P-31 nuclear magnetic resonance analysis of brain. I. The perchloric acid extract spectrum. *J. Neurochem.* **39**, 1210-1219.

## I. PEER-REVIEWED JOURNAL ARTICLES (continued)

- KOPP, S.J., T. Glonek, H.M. Perry, Jr., M. Erlanger, and E.F. Perry. (1982). Cardiovascular actions of cadmium at environmental exposure levels. *Science*. **215**, 1622-1625.
- KOPP, S.J., T. Glonek, and J.V. Greiner. (1983). Dynamic changes in intact crystalline lens metabolism modulated by alkaline earth metals: I. Effects of magnesium. *Exp. Eye Res.* **36**, 327-335.
- Perry, H.M., Jr., and KOPP, S.J. (1983). Does cadmium contribute to human hypertension. *Sci. Total Environ.* **26**, 223-232.
- Greiner, J.V., S.J. KOPP, T.E. Gillette, and T. Glonek. (1983). Phosphatic metabolites of the intact cornea measured by phosphorus-31 nuclear magnetic resonance. *Invest. Ophthalmol. Vis. Sci.* **24**, 535-542.
- KOPP, S.J., H.M. Perry, Jr., E.F. Perry, and M. Erlanger. (1983). Cardiac physiologic and tissue metabolic changes following chronic low level cadmium and cadmium + lead ingestion in the rat. *Toxicol. Appl. Pharmacol.* **69**, 149-160.
- KOPP, S.J. (1983). Vascular intra-cardiac catheterization technique for multiphasic evaluation of rat heart in vivo. *Toxicol. Appl. Pharmacol.* **70**, 273-282.
- KOPP, S.J., L.M. Klevay, and J.M. Feliksik. (1983). Cardiac physiologic and tissue metabolic changes following copper-deficiency. *Am. J. Physiol.* **245**, H855-H866.
- Pettegrew, J.W., N. J. Minshew, J. Diehl, T. Smith, S.J. KOPP, and T. Glonek. (1983). Anatomical considerations for interpreting topical <sup>31</sup>P-NMR. *Lancet* **ii**, 913.
- Glonek, T., S.J. KOPP, and J.V. Greiner. (1983). Phosphorus-31 NMR of the intact crystalline lens: I. The living lens spectrum. II. The spectroscopic effects of deuterium oxide incubation. *Phosphorus and Sulfur and the Related Elements*. **18**, 329-332.
- Greiner, J.V., S.J. KOPP, and T. Glonek. (1984). Nondestructive metabolic analysis of a cornea using phosphorus nuclear magnetic resonance. *Arch. Ophthalmol.* **102**, 770-771.
- Cohen, M.M., J.W. Pettegrew, S.J. KOPP, N. Minshew, and T. Glonek. (1984). P-31 nuclear magnetic resonance analysis of brain. Normoxic and anoxic brain slices. *Neurochem. Res.* **9**, 785-801.
- Cohen, M.M., S.J. KOPP, J.W. Pettegrew, and T. Glonek. (1984). <sup>31</sup>P Nuclear magnetic resonance studies of anoxia in aged rat brain. *Eur. Neurol.* **23**, 141-143.
- Prentice, R.C., P.L. Hawley, T. Glonek, and S.J. KOPP. (1984). Calcium dependent effects of cadmium on energy metabolism and function of perfused rat heart. *Toxicol. Appl. Pharmacol.* **75**, 198-210.
- KOPP, S.J., J. Krieglstein, A. Freidank, A. Rachman, A. Seibert, and M.M. Cohen. (1984). P-31 nuclear magnetic resonance analysis of brain. II. Effects of oxygen deprivation on isolated perfused and non-perfused rat brain. *J. Neurochem.* **43**, 1716-1731.
- KOPP, S.J., H.M. Perry, Jr., J.M. Feliksik, M. Erlanger, and E.F. Perry. (1985). Cardiovascular dysfunction and hypersensitivity to sodium pentobarbital induced by chronic, subacute barium chloride ingestion. *Toxicol. Appl. Pharmacol.* **77**, 303-314.
- Glonek, T., S.J. KOPP, J.V. Greiner, and D.R. Sanders. (1985). Lenticular energy metabolism during exogenous calcium-deprivation and during recovery: Effects of Dextran-40. *Exp. Eye Res.* **40**, 169-178.
- Greiner, J.V., S.J. KOPP, and T. Glonek. (1985). P-31 NMR analysis of dynamic energy metabolism in intact crystalline lens treated with ouabain. *Ophthalm. Res.* **17**, 269-278.
- Greiner, J.V., S.J. KOPP, and T. Glonek. (1985). Distribution of phosphatic metabolites in the crystalline lens. *Invest. Ophthalmol. Vis. Sci.* **26**, 537-544.

## I. PEER-REVIEWED JOURNAL ARTICLES (continued)

- Greiner, J.V., S.J. KOPP, and T. Glonek. (1985). Phosphorus nuclear magnetic resonance and ocular metabolism. *Survey Ophthalmol.* **30**, 189-202.
- Prentice, R.C. and S.J. KOPP. (1985). Cardiotoxicity of lead at various perfusate calcium concentrations: Functional and metabolic responses of the perfused rat heart. *Toxicol. Appl. Pharmacol.* **81**, 491-501.
- Glonek, T., and S.J. KOPP. (1985). Ex vivo P-31 NMR of lens, cornea, heart and brain. *Mag. Res. Imaging.* **3**, 359-376.
- KOPP, S.J., A.A. Daar, R.C. Prentice, J.P. Tow, and J.M. Feliksik. (1986). P-31 NMR studies of the intact perfused rat heart: A novel analytical approach for determining function-metabolic correlates, temporal relationships and intracellular actions of cardiotoxic chemicals nondestructively in an intact organ model. *Toxicol. Appl. Pharmacol.* **82**, 200-210.
- Wallis, D.E., L.W. Gierke, P.J. Scanlon, P.M. Wolfson, and S.J. KOPP. (1986). Sustained post-ischemic cardiodepression following magnesium-Diltiazem® cardioplegia. *Proc. Soc. Exp. Biol. Med.* **182**, 375-385.
- Pettegrew, J.W., S.J. KOPP, J. Dadok, N.J. Minshew, J.M. Feliksik, T. Glonek, and M.M. Cohen. (1986). Chemical characterization of a prominent phosphomonoester resonance from mammalian brain: <sup>31</sup>P and <sup>1</sup>H NMR analysis at 4.7 and 14.1 Tesla. *J. Mag. Res.* **67**, 443-450.
- Paulson, D.J., S.J. KOPP, J.P. Tow, J.M. Feliksik, and D.G. Peace. (1986). Impaired in vivo myocardial reactivity to norepinephrine in diabetic rats. *Proc. Soc. Exp. Biol. Med.* **183**, 186-192.
- Paulson, D.J., S.J. KOPP, J.P. Tow, and D.G. Peace. (1987). Effects of vanadate on in vivo myocardial reactivity to norepinephrine in diabetic rats. *J. Pharmacol. Exp. Ther.* **240**, 529-534.
- Pettegrew, J.W., S.J. KOPP, N.J. Minshew, T. Glonek, J.M. Feliksik, J.P. Tow, and M.M. Cohen. (1987). <sup>31</sup>P nuclear magnetic resonance studies of phosphoglyceride metabolism in developing and degenerating brain. *J. Neuropath. Exp. Neurol.* **46**, 419-430.
- Paulson, D.J., S.J. KOPP, D.G. Peace, and J.P. Tow. (1987). Myocardial adaptation to endurance exercise training in diabetic rats. *Am. J. Physiol.* **252**, R1073-R1081.
- Kisling, G.M., S.J. KOPP, D.J. Paulson, P.L. Hawley, and J.P. Tow. (1987). Inhibition of rat heart mitochondrial respiration by cadmium chloride. *Toxicol. Appl. Pharmacol.* **89**, 295-304.
- Barron, J.T., S.J. KOPP, J.P. Tow, and J.V. Messer (1987). Effects of altering carbohydrate metabolism on energy status and contractile function of vascular smooth muscle. *Biochim. Biophys. Acta* **1093**, 125-134.
- Heller, B.A., D.J. Paulson, S.J. KOPP, D.G. Peace, and J.P. Tow. (1988). Depressed in vivo myocardial reactivity to dobutamine in streptozotocin-induced diabetic rats: Influence of exercise training. *Cardiovasc. Res.* **22**, 417-424.
- Paulson, D.J., S.J. KOPP, D.G. Peace, and J.P. Tow. (1988). Improved post-ischemic recovery of cardiac pump function in trained diabetic rats. *J. Appl. Physiol.* **65**, 187-193.
- KOPP, S.J., J.T. Barron, and J.P. Tow. (1988). Cardiovascular actions of Pb and the relationship to hypertension. A mini-review. *Environ. Hlth. Perspect.* **78**, 91-99.
- KOPP, S.J., and J.P. Tow. (1989). Species-dependent differences in ATP half-life of glucose-deprived crystalline lenses. *Comp. Biochem. Physiol.* **93B**, 575-581.
- Barron, J.T., K. Bárány, M. Bárány, and S.J. KOPP. (1989). Effects of ATP reduction on the pattern of force development and myosin light chain phosphorylation in intact arterial smooth muscle. *Biochim. Biophys. Acta* **1010**, 278-282.

## I. PEER-REVIEWED JOURNAL ARTICLES (continued)

- Barron, J.T., and S.J. KOPP. (1989). Fatty acid alters glycogen metabolism in contracting vascular smooth muscle. *Biochim. Biophys. Acta* **1012**, 69-73.
- Barron, J.T., and S.J. KOPP. (1989). Carbohydrate metabolism of vascular smooth muscle: Effects of fatty acid. *Adv. Prot. Phosphatases*, **5**, 535-546.
- KOPP, S.J., J.T. Barron, and J.P. Tow. (1990). Phosphatic metabolites, intracellular pH and free  $[Mg^{2+}]$  in single, intact porcine carotid artery segments studied by  $^{31}P$  NMR. *Biochim. Biophys. Acta* **1055**, 27-35.
- Barron, J.T., and S.J. KOPP. (1991). Phosphorylase *b* kinase and phosphorylase *a* phosphatase activities in contracting vascular smooth muscle: Effects of fatty acid. *Biochim. Biophys. Acta* **1073**, 550-554.
- Barron, J. T., S.J. Kopp, J. P. Tow and J.E. Parrillo. (1991). Differential effects of fatty acids on glycolysis and glycogen metabolism in vascular smooth muscle. *Biochim. Biophys. Acta* **1093**, 125-134.
- Liang, M.T.C., T. Glonek, P. Meneses, S.J. KOPP, D.J. Paulson, L.W. Gierke, and F.N. Schwartz. (1992). NMR Spectroscopy study of heart phospholipids. An exercise and anabolic steroids effect. *Int. J. Sports Med.* **13**, 417-423.
- Liang, M.T.C., P. Meneses, T. Glonek, S.J. KOPP, D.J. Paulson, F.N. Schwartz, and L.W. Gierke. (1993). Effects of exercise training and anabolic steroids on plantaris phospholipids: A P-31 NMR resonance study. *Int. J. Biochem.* **25**, 337-347.
- Liang, M.T.C., D. J. Paulson, S.J. KOPP, T. Glonek, P. Meneses, L.W. Gierke, and F.N. Schwartz. (1993). Effects of anabolic steroids on endurance exercise on cardiac performance. *Int. J. Sports Med.* **14**, 324-329.
- Kisling, G.M., S.J. KOPP, D.J. Paulson, and J.P. Tow. (1993). Cadmium-induced attenuation of coronary blood flow in the perfused rat heart. *Toxicol. Appl. Pharmacol.* **118**, 58-64.
- Smith, J.M., S.J. KOPP, D.J. Paulson, and J.T. Daar. (1993). Effects of dietary fish oil on cardiovascular responsiveness to adrenergic agonists in spontaneously hypertensive rat. *Can. J. Physiol. Pharmacol.* **71**, 432-438.
- Greiner, J. V., S.J. KOPP, J. H. Lass, J. B. Gold, and T. Glonek. (1993). Metabolic compatibility of abattoir and human corneas: an *ex vivo* nuclear magnetic resonance spectroscopic study of intact tissues. *Cornea* **12**, 461-465.
- Romano, F.D., S.J. KOPP, J.T. Daar and C.A. Smith (1994). The anti-adrenergic effect of cyclopentyladenosine on myocardial contractility is reduced in vivo in diabetic rats. *Can. J. Physiol. Pharmacol.* **72**, 1245-1251.
- Barron, J. T., S.J. KOPP, J. Tow and J.E. Parrillo. (1994). Fatty acid, tricarboxylic acid metabolites, and energy metabolism in vascular smooth muscle. *Am. J. Physiol.* **267** (*Heart Circ. Physiol.* **36**), H764-H769.
- Broderick, T. L., S.J. KOPP, J. P. Daar, F. D. Romano and D. J. Paulson. (1994). Relation of glycosylated hemoglobin to *in vivo* cardiac function in response to dobutamine in spontaneously diabetic BB Wor rats. *Can. J. Physiol. Pharmacol.* **72**, 722-737.
- Barron, J. T., S.J. KOPP, J. Tow and J.E. Parrillo. (1996). Substrate-dependent alteration in  $O_2$  consumption and energy metabolism in vascular smooth muscle. *Am. J. Physiol.* **270** (*Heart Circ. Physiol.* **39**), H1869-H1877.
- KOPP, S.J., J. Daar, D.J. Paulson, F. D. Romano and R. Laddaga. (1997). Effects on vanadyl on diabetes-induced alterations in heart GLUT-4 transporter. *J. Mol. Cell. Cardiol.* **29**, 2355-2362.
- KOPP, S.J., L. Seestedt-Stanford, K. Rohlfig, and J. P. Kendall. (2003-2004). Creating Adaptive Learning Environments. *Planning for Higher Education.* 32(2): 12-23.

## **II. PEER-REVIEWED SYMPOSIA ARTICLES AND BOOK CHAPTERS** (Chronological Order – earliest to most recent)

- KOPP, S.J., H.M. Perry, Jr., V. Fisher, M. Erlanger, and E.F. Perry. (1978). Altered myocardial excitability, morphology and metabolism induced by long term, low level cadmium feeding. in Trace Substances in Environmental Health. D. D. Hemphill (ed.), University of Missouri Press, Columbia, MO, Vol. 12, pp. 198-205.
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- Perry, H.M., Jr., S.J. KOPP, M.W. Erlanger, and E.F. Perry. (1983). Cardiovascular effects of chronic barium ingestion. in Trace Substances in Environmental Health. D. D. Hemphill (ed.), University of Missouri Press, Columbia, MO, Vol. 17, pp. 155-162.
- KOPP, S.J., R.C. Prentice, T. Glonek, J.M. Feliksik, and J.P. Tow. (1984). Cadmium interaction with sarcoplasmic inorganic phosphate detected in the intact isolated heart. in Trace Substances in Environmental Health-XVII. D. D. Hemphill (ed.), University of Missouri Press, Columbia, MO, pp. 53-63.
- Cohen, M.M., S.J. KOPP, J.W. Pettegrew, N. Minshew, J. Kriegelstein, and T. Glonek. (1984). P-31 nuclear magnetic resonance studies of anoxia and ischemia in animal brain and of human brain in Alzheimer's and Huntington's diseases. in: Drugs and Disease, 1, John Liddy Eurotext, Paris, pp. 85-90.
- KOPP, S.J., R.C. Prentice, H.M. Perry, Jr., J.M. Feliksik, J.P. Tow, and M. Erlanger. (1985). Effects of low level cadmium exposure on blood pressure and myocardial function and metabolism. in Advances in Modern Environmental Toxicology. IX, Chapter XVII, M. A. Mehlman (ed.). Princeton Scientific Publishers Co., Inc., Princeton, pp. 173-195.
- Perry, H.M., Jr., E.F. Perry, M.W. Erlanger, and S.J. KOPP. (1985). Barium-induced hypertension. in Advances in Modern Environmental Toxicology. IX, Chapter XX. M. A. Mehlman (ed.). Princeton Scientific Publishers Co., Inc., Princeton. pp. 221-229.
- KOPP, S.J. (1986). Chapter 7: "Cd and the Cardiovascular System". in Handbook of Experimental Pharmacology. Volume 80: **CADMIUM**. E. C. Foulkes (ed.), Springer-Verlag, Berlin, pp. 195-280.
- Perry, H.M., Jr., M.W. Erlanger, S.J. KOPP, and E.F. Perry, (1986). Hypertension in man and animals as an asymptomatic manifestation of long-term low-level lead exposure. in Trace Substances in Environmental Health. D. D. Hemphill (ed.), University of Missouri Press, Columbia, MO.
- KOPP, S. J. (2005). Rethinking 21<sup>st</sup> Century learning and accountability in public higher education – The challenge of organizing the learning-centric public university. *AURCO Journal*. In Press.

### III. PUBLISHED ABSTRACTS (Chronological Order – earliest to most recent)

- Hawley, P.L., S.J. KOPP. (1975). Electrocardiographic changes in isolated perfused hearts exposed to cadmium ions. *Physiologist*. 18, 241.
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- KOPP, S.J., J.C. Baker, L.S. D'Agrosa, and P.L. Hawley. (1978). Simultaneous recording of His bundle electrogram (HBE), ECG and systolic tension from modified isolated perfused hearts. *Fed. Proc.* 37, 3028.
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- Prentice, R.C., P.L. Hawley, T. Glonek, and S.J. KOPP. (1982). Ca-dependent actions of Cd on functional indices of the perfused rat heart. *Fed. Proc.* 41, 1241.
- KOPP, S.J., L.M. Klevay, and J.M. Feliksik. (1982). Cardiac physiologic and metabolic changes induced by Cu-deficiency in the rat. *Fed. Proc.* 41, 390.
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### III. PUBLISHED ABSTRACTS: (continued)

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### III. PUBLISHED ABSTRACTS: (continued)

- Glonek, T., S.J. KOPP, J.V. Greiner, and J.M. Feliksik. (1983). Selective effects of D<sub>2</sub>O on the resolution of phosphorus nuclear magnetic resonance signals in the intact crystalline lens. *Invest. Ophthalmol. Vis. Sci.(ARVO)*. 24, 158.
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- Paulson, D.J., S.J. KOPP, D.G. Peace, J.P. Tow, and V. Bielema. (1986). Effects of diabetes and exercise training on cardiac performance. *Fed. Proc.* 45, 334.
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- Paulson, D.J., S.J. KOPP, A.G. Chelich, J.P. Tow, and D.G. Peace. (1986). Impaired myocardial function in genetically obese Zucker rats. *J. Mol. Cell. Cardiol.* 18 (Suppl. 3) 55.
- Kisling, G.M., S.J. KOPP, D.J. Paulson, and J.P. Tow. (1986). Effects of cadmium on heart mitochondrial respiration. *Fed. Proc.* 45, 1657.
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- Paulson, D.J., S.J. KOPP, R.C. Jurak, M.D. Galle, and J.P. Tow. (1989). Effects of caloric restriction and/or exercise training on cardiac contractile performance of lean and obese Zucker rats. *J. Mol. Cell. Cardiol.* 21 (Suppl. III).
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- Romano, F.D., S.J. KOPP, J.T. Daar and C.A. Moore (1992). The Antiadrenergic Effect of Adenosine on Myocardial Contractility is Reduced *In Vivo* in Streptozotocin Diabetic Rats. *J. Mol. Cell. Cardiol.* 24(Suppl. III) S7.
- KOPP, S. J. and J. Daar. (1993). Vanadyl sulfate effects on glucose oxidation by isolated cardiac myocytes from streptozotocin diabetic rats. *Physiologist* 35(4), 182.

### III. PUBLISHED ABSTRACTS: (continued)

KOPP, S.J., J. Daar, D. Paulson, F. Romano and R. Laddaga. (1994). Effects of vanadium on diabetes-induced alteration in the heart GLUT-4 transporter. *FASEB J.* 8: 3580.

Davenport, R., S. KOPP, and G. Peer. (1999). Modifying the Responsibility-Centered Management Model to Fit Your Institution's Special Needs. *1999 AAHE Summer Academy*. Abstract published in proceedings.

### SELECTED SEMINAR AND INVITED SYMPOSIUM PRESENTATIONS

Seminar Speaker. Baylor University Faculty Scholars Program: Faculty Development Workshop, Chicago, IL. "University Governance" and "Faculty Development Planning." August 20, 1995.

Seminar Speaker. Rush-Presbyterian St. Luke's Medical Center, Chicago, IL. "Calcium Channel Blockade in Cardioplegia: The Use of P-31 NMR to Assess Energy Metabolism." January 8, 1992.

Keynote Speaker. Annual Meeting of the Ohio Valley Chapter of the Society of Toxicology, Wright State University, Dayton, Ohio, "Cardiotoxicity and Vascular Actions of Cadmium." September 30-October 1, 1988.

Conference Speaker. University of North Carolina, Chapel Hill, North Carolina. "Lead/Blood Pressure International Symposium". "Cardiovascular Actions of Lead and Relationship to Hypertension: A Review." April 26-29, 1987.

Seminar Speaker. University of New Mexico, Albuquerque, New Mexico. "P-31 NMR Studies of Isolated Cardiac and Vascular Smooth Muscle: Metabolic and Functional Perspectives." April 15-17, 1987.

Seminar Speaker. U.S.D.A., Human Nutrition Laboratory, Grand Forks, North Dakota. "Metabolic Correlates of Myocardial Dysfunction Caused by Lead, Cadmium and Arsenate." February 11-13, 1987.

Seminar Speaker. University of New Mexico, Department of Neurology and Center for Non-Invasive Diagnosis, Albuquerque, New Mexico. "Influence of O<sub>2</sub> Deprivation on Cerebral Energy Metabolism As Determined by P-31 NMR." May 22-24, 1986.

Seminar Speaker. United States Department of Agriculture, Agriculture Research Service, Grand Forks Human Nutrition Research Center, Grand Forks, North Dakota. "In Vivo Contractile Dysfunction and Norepinephrine Reactivity of the Diabetic Heart: Prophylaxis with Exogenous Vanadate and Carnitine." March 13-14, 1986.

Conference Speaker. Brookhaven National Laboratories' Workshop on Lead-Calcium Interactions in Lead Toxicity, Upton, New York, "Lead-Calcium Interactions in the Cardiovascular System." November 20-21, 1985.

Symposium Speaker. International Symposium on Cerebral Metabolism, Institut für Pharmakologie and Toxikologie, im Fachbereich Pharmazie und Lebensmittelchemie, Philipps Universität, Marburg, West Germany. "P-31 Nuclear Magnetic Resonance Analysis in Rat Brain." July 7, 1984.

Conference Speaker. Conference on Drinking Water and Cardiovascular Disease. University of Massachusetts School of Public Health, Amherst, Massachusetts. "Effects of Low Level Cadmium Exposure on Blood Pressure and Myocardial Function and Metabolism." May 1-3, 1984.

Seminar Speaker. University of Notre Dame, Department of Biology, Notre Dame, Indiana. "Interspecies Variations in Crystalline Lens Metabolism; Possible Evolutionary Significance." March 13, 1984.

Conference Speaker. 2nd International Congress on Myocardial and Cellular Bioenergetics and Compartmentation. "Metabolic Correlates of Arsenic-Induced Myocardial Dysfunction, as Determined in the Intact Perfused Heart by P-31 NMR." Los Angeles, California, February 16-18, 1984.

## **SELECTED SEMINAR AND INVITED SYMPOSIUM PRESENTATIONS** *(continued)*

- Seminar Speaker. Chicago State University, Department of Biology, Chicago, Illinois. "Nuclear Magnetic Resonance and Its Applications to Biologic Systems." February 3, 1983.
- Seminar Speaker. St. Louis University School of Medicine, Department of Physiology, St. Louis, MO. "<sup>31</sup>P Magnetic Resonance Analysis of Mammalian Tissues." February 1, 1983.
- Guest Speaker. Institut für Pharmakologie and Toxikologie, im Fachbereich Pharmazie und Lebensmittelchemie, Philipps-Universität, Marburg, (West) Germany. "P-31 NMR Studies of Cerebral Metabolism." May 13, 1982.
- Seminar Speaker. United States Department of Agriculture, Agricultural Research Service, Grand Forks Human Nutrition Research Center, Grand Forks, North Dakota. "The Effects of Trace Elements on His Bundle Electrocardiography and Nuclear Magnetic Resonance Measurements in Organs." November 30, 1981.
- Participant. Gordon Conference on Magnesium in Biochemical Processes and Medicine, Plymouth, New Hampshire, August 6-10, 1979.
- Conference Speaker. Conference on Drinking Water and Cardiovascular Disease. University of Massachusetts School of Public Health, Amherst, Massachusetts. "Cadmium and Lead Effects on Myocardial Function and Metabolism." October 9-11, 1979.

## **UNIVERSITY SERVICE: Central Michigan University**

### ***Chairman:***

DEAN'S ADVISORY COUNCIL (*and subcommittees*) – 1997 - 2002

HEALTH PROFESSIONS BUILDING PLANNING AND STEERING COMMITTEE – 1997 – 2002

COLLEGE TASK FORCE – Kellogg Foundation College Grant Initiative – 1998 - 2002

COLLEGE COMMUNITY ADVISORY BOARD – 2000 - 2002

ADMINISTRATIVE COUNCIL FOR BUDGET PLANNING – 2000 - 2002

COLLEGE TASK FORCE – "Introduction to Health Professions" Course Development – 1998 – 2000

COLLEGE TASK FORCE – Occupational Therapy Program Development – 1998 - 2000

COLLEGE OF BUSINESS ADMINISTRATION DEAN SEARCH COMMITTEE – 1999 - 2000

DIRECTOR FOR ADMISSIONS AND ENROLLMENT DIRECTOR SEARCH COMMITTEE – 1999 - 2000

COLLEGE DEVELOPMENT DIRECTOR SEARCH COMMITTEE – 1999 - 2000

### ***Member:***

COUNCIL OF DEANS – 1997 - Present

ACADEMIC SENATE – 1997 - Present

INSTITUTIONAL TECHNOLOGY PLANNING BOARD – 1997 - Present

CMU NETWORK FOR HIGHER EDUCATION – 1997 - Present

UNIVERSITY BUDGET REVIEW COMMITTEE – 1998 - Present

UNIVERSITY BUDGET RESTRUCTURING COMMITTEE – 1997 - Present

ADMINISTRATIVE COMMITTEE FOR THE HEALTH PROFESSIONS BUILDING – 1998 - Present

RESEARCH EXCELLENCE FUND COMMITTEE – Member and proposal reviewer – 1998 - Present

ADMISSIONS COMMITTEE FOR THE PHYSICIAN ASSISTANT PROGRAM, *Ex officio* – 1998 - Present

### ***Member:***

SENATE TASK FORCE ON THE EFFECTS OF ACADEMIC REORGANIZATION – 1999 – Present

UNIVERSITY ACADEMIC PLANNING COUNCIL– 1997 - 2000

PROVOST'S ADMINISTRATIVE LEADERSHIP PROGRAM INITIATIVE COMMITTEE – 1997 - 2000

FACULTY MERIT IMPLEMENTATION JOINT ADMINISTRATION/ FACULTY ASSOCIATION REVIEW COMMITTEE – 1998 - 2000

PROFESSIONAL ADMINISTRATIVE STAFF MERIT EVALUATION COMMITTEE – 1997 - 2000

GOVERNMENT RELATIONS SEARCH COMMITTEE – 1999 - 2000

PROFESSIONAL EDUCATION ADVISORY COMMITTEE – 1997 - 2000

PROVOST'S FACULTY DEVELOPMENT CENTER INITIATIVE COMMITTEE– 1999 - 2000

SEARCH COMMITTEE FOR AVP FOR PUBLIC RELATIONS AND MARKETING – 1999 - 2000

ADVISORY BOARD, DISTANCE AU.D. Program – 1999 - Present

PRESIDENT AND PROVOST RESEARCH AWARDS COMMITTEE – 2000 - Present

UNIVERSITY PERFORMANCE MANAGEMENT AND EVALUATION TASK FORCE – 2000 - Present

COLLEGE ACADEMIC QUALITY STANDARDS TASK FORCE– 2000 – Present

STUDENT RETENTION CONFERENCE PLANNING COMMITTEE – 1998 - 1999

SEARCH COMMITTEE FOR THE VICE PRESIDENT FOR GOVERNMENTAL RELATIONS– 1998 - 1999

### **PRIOR COLLEGE/UNIVERSITY COMMITTEE SERVICE:**

*Extensive participation on administrative, faculty governance, research, and student committees: – a listing of committees and responsibilities is available upon request.*

### **COMMUNITY VOLUNTEER ACTIVITIES**

In addition to typical community volunteer work through service organizations, community agency boards and the like, I devoted ten years (1986-1996) to volunteer coaching and teaching instructional clinics in the sport of girls' fast-pitch softball. These activities involved both summer recreational league volunteer coaching as well as coaching traveling tournament teams, which competed nationally. The program I helped to found and develop in Oak Park, IL was and continues to be a teaching program, devoted to preparing young women from all walks of life for success in life. I authored an instructional manual for new coaches, which covered the mechanics and fundamentals of hitting, fielding, throwing and pitching. I also developed teaching packets for instructing experienced players in the art and science of the game. These instructional materials are still in use in the community. The players I helped coach have been highly successful both on and off the playing field. I take great pride in knowing that over 95% of the young women I coached continued their academic preparation and pursued a college education.

More recently, I have performed volunteer work in support of community fund-raising efforts that have benefited heart disease and diabetes research, treatment and prevention.

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