SPP 733: SEMINAR ON ISSUES IN HIGHER EDUCATION
(FALL 1999)

Time: Tuesday 10 a.m – 12 noon
Room: 2310 School of Education
Faculty: Professor Edie N. Goldenberg  Professor James J. Duderstadt
School of Public Policy  The Millennium Project
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COURSE OBJECTIVES: To frame and analyze the most critical issues facing higher education in major research universities in the United States today, to understand their historical evolution and to project how these issues may affect universities of the future.

The course begins with a consideration of the university's external environment: its sources of revenue and its relationships with state and federal government as well as the private sector. Then we shift focus to several key internal issues: the changing nature of the academy, pedagogy, the student body, information technology and governance. We also look closely at two important domains: intercollegiate athletics and the health system. Finally, we conclude by considering various perspectives on restructuring the research university.

COURSE REQUIREMENTS: The requirements for this course include weekly readings, active class participation (50% of course grade), and a significant research paper on a critical issue facing higher education (50% of course grade). Brief research proposals are due on October 5, although earlier discussions with the faculty are also welcome. Research papers are due on December 10. Collaborative research projects are acceptable, with advanced approval by the instructors.

READINGS: A coursepack is available for purchase at DollarBill. All readings will also be available on reserve in Lorch Hall's Foster Library on the second floor.

CLASS SCHEDULE:

Sep 14: The Evolution of Higher Education in the United States

Topics
A brief history of higher education in the U.S.
The higher education ecosystem (US and world)
The forces of change
Challenges and opportunities

Readings:
Donald Kennedy, “Another Century’s End, Another Revolution for Higher Education”, *Change*, May/June, 1995 pp. 8-15

Other References:
The *Lexus and the Olive Tree*, Friedman

A sampler of the critics:


Sep 21:  The Federal Role and the Research University

Topics
The role of the federal government in higher ed
The government-university research partnership
Financial aid
Federal policies

Readings:
Donald Kennedy, “Making Choices in the Research University,” the American Research University, *Daedalus*, 122, no. 4 (1993)

“Inside the Knowledge Factory,” *The Economist* (October 4, 1997)


Other References:
Vannevar Bush, *Science, the Endless Frontier*, a report to the President on a Program for Postwar Scientific Research (Office of Scientific Research and Development, July 1945; Washington, D.C.: National Science Foundation, 1990), 192

Vernon Ehlers, "Unlocking Our Future: Toward a New National Science Policy," a report to Congress by the House Committee on Science (September 24, 1998)

“Convocation on Stresses on Research and Education at Colleges and Universities”
(Government-University-Industry Research Roundtable and National Science Board
Edward O. Wilson, Consilience: The University of Knowledge (New York: Knopf, 1998)
Donald E. Stokes, Pasteur’s Quadrant: Basic Science and Technological Innovation
(Washington: Brookings Institute, 1997)

Sep 28: The Role of the States

Topics:
State governance and the public university
State appropriations
State regulations and institutional autonomy

Readings:
- James J. Duderstadt, A University for the 21st Century (University of Michigan Press, Ann Arbor, 1999) Ch. 3, 11

Oct 5: Financing Higher Education

Topics:
Costs of higher education
Resources
Tuition and financial aid
Policy issues

Readings:
- James J. Duderstadt, A University for the 21st Century (University of Michigan Press, Ann Arbor, 1999) Ch. 8

Other References:
Harold T. Shapiro, “The Functions and Resources of the American University of the Twenty-First Century” (University of Chicago Symposium, 1991)
Oct 12: The Role of the Private Sector

Topics:
- Public vs. private universities
- Private fund-raising
- Technology transfer
- Market forces

Readings:
- James J. Duderstadt, *A University for the 21st Century* (University of Michigan Press, Ann Arbor, 1999) Ch. 6, 8

Other References:

Oct 19: The Core vs. the Periphery I: Intercollegiate Athletics

Topics:
- The evolution of college sports in the United States
- College sports and the university

Readings:

Other References:

Oct 26: The Changing Nature of Pedagogy

Topics:
- Undergraduate education
- Graduate and post-graduate education
- Professional education

Readings:
- Thomas A. Angelo and K. Patricia Cross, *Classroom Assessment Techniques* (San Francisco: Jossey-Bass, 1993), selected pages
- Brian P. Coppola, *Scholarship Developed* (Draft 1998)
- James J. Duderstadt, *A University for the 21st Century* (University of Michigan Press, Ann Arbor, 1999) Ch. 4
Other References:
Boyer Commission on Educating Undergraduates in the Research University, \textit{Reinventing Undergraduate Education: A Blueprint for America's Research Universities} (Menlo Park: Carnegie Foundation for the Advancement of Teaching, 1998)

Nov 2: The Student Body

Topics:
- The changing nature of the student body
- Demographic change
- Diversity

Readings:
  Introduction, Gurin (pages 99-114), Bowen, Steele, Bok
- James J. Duderstadt, \textit{A University for the 21st Century} (University of Michigan Press, Ann Arbor, 1999) Ch. 4, 9
- \textit{The Chronicle of Higher Education}, selections
  Patrick Healy, “U. of California to Admit Top 4% From Every High School,” April 2, 1999
  Kit Lively, “Kellogg Foundation Plans a Grant Program to Increase Hispanic Enrollments,” May 7, 1999

Other References:
Lawrence W. Levine, \textit{The Opening of the American Mind} (Boston: Beacon Press, 1996)

Nov 9: The Changing Nature of the Academy

Topics:
- The professoriate
- The faculty contract and tenure
- The academic organization of the university

Readings:
- James J. Duderstadt, \textit{A University for the 21st Century} (University of Michigan Press, Ann Arbor, 1999) Ch. 7
- \textit{The Chronicle of Higher Education}, selections
Courtney Leatherman, “Growth in Positions Off the Tenure Track Is a Trend That’s Here to Stay, Study Finds,” April 9, 1999
Robin Wilson, “Yale Relies on TAs and Adjuncts for Teaching, Report Says,” April 9, 1999
Footnotes: “Massachusetts has too many tenured professors, says the chancellor of the state Board of Higher Education,” May 14, 1999

Other References:
Parttime Faculty, the New Majority (New York: Alfred P. Sloan Foundation, 1998)

Nov 16: The Core vs. the Periphery II: The Academic Health Center

Topics:
The academic health center
Financial and governance issues

Readings:
• Harold T. Shapiro, “The Future of the Academic Health Center and the Research University, University of California San Diego, 1993
• James J. Duderstadt, A University for the 21st Century (University of Michigan Press, Ann Arbor, 1999): 129-137

Nov 23: Information Technology and the University

Topics:
The evolution of information technology
Implications for the university
New learning lifeforms (virtual universities, etc.)

Readings:
• James J. Duderstadt, A University for the 21st Century (University of Michigan Press, Ann Arbor, 1999) Ch. 10
Other References:

Nov 30: Governing, Managing, and Leading the University

Topics:
- Shared governance
- Governing boards
- Faculty governance
- Academic administration

Readings:

Other References:

Dec 7: Restructuring the Higher Education Enterprise

Topics:
- Market forces
- University transformation
- Early signs of restructuring
- The challenge and the threat

Readings:
- Patricia J. Gumport and Brian Pusser; “Restructuring the Academic Environment,” chapter 23 in *Academic Restructuring in Public Higher Education: A Framework and Research Agenda*
• James J. Duderstadt, A University for the 21st Century (University of Michigan Press, Ann Arbor, 1999) Ch. 11-14

Other References:

Other General Resources:
• James J. Duderstadt, Positioning the University of Michigan for the New Millennium: A Case Study in University Transformation, Millennium Project:
  http://milproj.ummu.umich.edu/version2/strategy/
• The Millennium Project Website: http://milproj.ummu.umich.edu/