

CHITRA RAJAN, Ph.D.

Iowa State University

Office for the Vice President for Research
2610 Beardshear Hall
Ames, IA 50011-2036
(515) 294-9096
rajanc@iastate.edu

EDUCATION

- Ph.D. University of Ottawa and Carleton University, Economics (1991)
- M.A. University of Ottawa, Economics (1983)
- M.A. Gokhale Institute of Politics and Economics, University of Poona, India (1980)
- B.A. University of Poona, India, Economics (1978)

APPOINTMENTS

- June 2006 - Associate Vice President for Research, ISU
- Dec. 2011 - Feb. 2013 Interim Director, Iowa Energy Center
- July 2005 - May 2006 Assistant Vice President for Research, ISU
- Jan 2006 - Oct. 2006 Interim Director, Office of Sponsored Programs Administration, ISU
- July 2005 - Nov. 2005 Chief Planning Officer, College of Veterinary Medicine, ISU
- July 2002 - June 2005 Assistant to the Dean, Albany Medical College, Albany, NY
- June 2001 - July 2002 Vice President for Academic Affairs, Siena College, Albany, NY
- Aug. 1997 - May 2001 Vice President for Planning, Siena College, Albany NY
- June 1996 - July 1997 Assistant to the President for Planning and Research, Siena College
- Sep. 1997 - July 2002 Associate Professor, Siena College
- Sep. 1992 - Aug. 1997 Assistant Professor, Siena College
- July 1991 - Aug. 1992 Visiting Research Associate, Scientific Computation Research Center
Rensselaer Polytechnic Institute, Troy, New York
- Sep. 1990 - June 1991 Visiting Assistant Professor, Department of Economics

State University of New York, Albany, New York

Sep. 1987 - June 1990 Adjunct Professor, Department of Economics
State University of New York, Albany, New York

Sep. 1981 - June 1987 Teaching Assistant, Department of Economics
University of Ottawa, Ontario, Canada

Oct. 1981 - Sep. 1982 Research Associate, Gokhale Institute of Politics and Economics
University of Poona, India

June 1980 - Sep. 1981 Lecturer, University of Poona, India

ADMINISTRATIVE EXPERIENCES

IOWA STATE UNIVERSITY

- **Associate Vice President for Research**

2006 - present

As the Associate Vice President for Research, I am responsible for research advancement: facilitate interdisciplinary research; assist the Vice President for Research and Economic Development in managing interdisciplinary institutes and centers; plan and organize faculty development programs that range from new-faculty orientation, grant-writing, research networking, and grant proposal team building related workshops; assist faculty with large interdisciplinary grant proposal efforts; organize research-related events; help manage the budget for the Office of the Vice President for Research and Economic Development that includes funds for faculty start-ups, cost-share/institutional match for grant proposals, seed funds for nascent research programs, and funding for centers and institutes.

I am the co-investigator on a NSF \$20 million grant proposal on renewable energy.

- **Interim Director, Iowa Energy Center (IEC)**

December 2011 – February 2013

I have served as the IEC's director since December 2011. The IEC is a state-wide center that provides resources and funding for research, demonstration, and education in energy efficiency and renewable energy in the state of Iowa. The IEC has an annual budget of \$4 million and 13 staff members.

- **Interim Director, Office of Sponsored Programs Administration (OSPA):**

January 2006 – October 2006

I was appointed as the Interim Director of OSPA in spring 2006. At that time OSPA had 13 administrative staff members and managed about \$270 million of sponsored research funds. My responsibilities included providing oversight for the day-to-day operations, for negotiating

contracts with industrial and federal funding agencies, and developing relationships with other units on campus.

- **Chief Planning Officer, College of Veterinary Medicine, ISU:**

July 2005 – November 2005

I was appointed as the Chief Planning Officer for the College of Veterinary Medicine at ISU and served in that capacity from July 2005-November 2005. This was a half-time position and I assisted the Dean of the College with several operational issues relating to academic services (ITS, human resources, facilities, etc.) and chaired a college-wide strategic planning committee.

ALBANY MEDICAL CENTER

- **Assistant to the Dean of the Medical College**

July 2002 – June 2005

As the Assistant to the Dean of the Medical College, I was responsible for all strategic and operational planning and budgeting for the College. I was responsible for strategic/operational planning, accreditation and budgeting for the medical college. I helped faculty develop grant proposals for new programs and initiatives; assisted with fundraising initiatives; and helped address some specific issues in a variety of clinical programs. I helped oversee the research office on matters pertaining to sponsored research, compliance, environmental health and safety, and the animal research facilities, etc. I was also involved with initiatives and projects that dealt with budgetary processes and building partnerships with other institutions and providers in the area. I had some teaching responsibilities at Albany Medical College; I helped teach parts of the Anatomy of Health Care and Health Policy class for first-year medical students. I also taught a Health Economics class at the University at Albany (State University of New York) in the Economics Department.

SIENA COLLEGE

- **Vice President for Academic Affairs**

June 2001 – July 2002

The Vice President for Academic Affairs at Siena is responsible for all matters pertaining to faculty, the curriculum, student services and programs, academic facilities including information technology, accreditation, and academic planning and budgeting. As part of an Academic Excellence plan, many new initiatives were implemented: a college-wide Honors program, “signature programs” and centers of excellence. I created a new office for sponsored research to assist faculty with grant development and submission, initiated several new programs for students, faculty development, and faculty recruitment. I was very actively involved with fundraising and worked closely with the Office for Enrollment Management in recruiting students.

- **Vice President for Planning**

June 1997 – May 2001

As the Vice President for Planning I was responsible for coordinating all planning efforts and its dissemination to internal and external constituencies such as accrediting agencies and Siena's Board of Trustees. These included the development of strategic plans, operational plans, the academic excellence plan, and annual reports. I was responsible for planning and developing various academic and non-academic initiatives (signature programs, centers of excellence, student leadership programs). I coordinated self-studies, periodic reports, assessment and other activities as mandated by the Middle States Association (Siena's accrediting body) and represented the College each year at their various conferences. I was also responsible for all peer-institution comparability studies, including those associated with wage and job classification.

- *Institutional Planning and Research*

As part of my duties as the Vice President for Planning, I directed the Institutional Planning and Research Office of the College, which is responsible for gathering, collecting, compiling and reporting data; publishing the factbook; providing data for external surveys, conducting college wide surveys. It serves as a resource for all other offices on campus. The Office for Institutional Planning and Research has three staff members.

- *Office for Sponsored Research*

I established the Office for Sponsored Research in 2000, and hired a director. The Office's primary goal was to support and promote faculty efforts in obtaining external funds from private and government funding agencies. This office was responsible for organizing grant-writing workshops for faculty and staff, and assist them identify government and corporate funding prospects, and grant preparation.

- *Chair, College Planning and Finance Committee*

I chaired the College's internal planning, budget and assessment committee. As Chair of this Committee, I was responsible for coordinating the College's planning efforts and for ensuring that the resource allocations were aligned with college priorities. The Committee analyzed all budget requests in light of the College's planning priorities and forwarded recommendations for funding to the President.

PROFESSIONAL ACTIVITIES

Association for Public and Land Grant Universities; co-chair of CICEP Committee

Middle States Association (Commission on Higher Education): 2004 – reviewer

Member of the Board of Directors: Albany Medical Center: 2001 - 2002

Board of Directorate: Holy Name Province; 1999 - 2002

Chair: Hudson-Mohawk Interdisciplinary Seminars, "*Environmental Science and Policy*", 1993-94

Consultant to legal firm: D'Agostino, Hoblock, Greisler and Seigal, 1993-95.

CONSULTING SERVICES

Financial analysis in the case of "Dewald versus Amsterdam Housing" – June 1993.

Services provided to P. A. McMohan of D'Agostino, Hoblock, Greisler and Seigal.

Economic and financial analysis and report for "Graulty versus Cohoes Savings Bank"- 1994-95. Services provided to P. A. McMohan of D'Agostino, Hoblock, Greisler and Seigal.

CONFERENCES:

2009-2012 Association for Public and Land Grant Universities
2006: National Academy of Sciences – "Rising Above the Gathering Storm"
2003-2005: American Association of Medical Universities – annual meetings
2000 Seminar on Cost Accounting in Higher Education - NACUBO
1996-2002 Middle States' Association – annual meetings
1997-1999 Society for College and University Planners – annual meeting
1996 National Association of College and University Business Officers – certificate training for financial officers
1996 Society for College and University Planning
1996-2002 American Association for Higher Education – annual meetings

TEACHING EXPERIENCE

2005-2010 Iowa State University – Adjunct Faculty
2004-05 University at Albany – Visiting Appointment
1992 – 2002 Siena College
1987 – 1991; 2004 University at Albany
1983 -- 1987 University of Ottawa
July 1999 FAE, Curitiba, Brazil
June 1995 Business School, University of Uzhghorod, Ukraine
July 1995 University of Slovakia, Bratislava
June-Aug 1993 University of Wollongong, Australia
1980 -- 1981 University of Poona (India)

COURSES TAUGHT AND/OR DEVELOPED:

Undergraduate Medical Education	Anatomy of Health Care
MA/Ph.D. Program	Microeconomics Industrial Economics Economic Regulation
MBA program	Managerial Economics
Undergraduate Economics	Health Economics Microeconomics Macroeconomics Managerial Finance

Money and Banking/ Monetary Theory
Public Finance
International Trade
Economic Development
The Brazilian Economy: A Macro Perspective
Emerging Market Economies in Eastern Europe
Indian Economic Development

Interdisciplinary Courses

Women & Multicultural Studies
St. Francis and the Economics of Poverty
Environmental Studies

TEACHING/PEDAGOGY CONFERENCES:

1999 Master's Teaching Program; Georgia State University, Atlanta, GA
1999 National Institute for Assessment, Indianapolis, IN.
1999 Annual Conference, American Association of Higher Education
1998 National Conference on Learning Assessment, AAHE
1997 Annual Conference, American Association of Higher Education
1996 Annual Conference, American Association of Higher Education

RESEARCH PRESENTATIONS

"Nicholas Oresme's De Monesta": A modern look at a Fourteenth Century Treatise, International Conference on Medieval Studies; Western Michigan University; Kalamazoo, May 2001

"Validity and Reliability of Qualitative Data in Learning Assessment" American Statistical Association; March, 2000

"Fuzzy Logic and Chaos – Applications to Firm Behavior", International Academy of Business Disciplines; April 1997

"Fuzzy Cluster Analysis"; Eastern Economic Association; March 1997

"Globalization and its Impact of Female Workers: New Opportunities or New Forms of Exploitation?"; World Federalist Organization; March 1997

"Implications of Corporate Global Restructuring for Transitional Economies in Eastern Europe"; International Academy of Business Disciplines; April 1996

"Fuzzy Catastrophes and Firm Behavior in Transitional Economies"; Eastern Economic Association; March 1996

"Incomplete Privatization in Eastern Europe: The Co-existence of Private and State-owned Enterprises"; Eastern Economic Association; March 1996

"Gender-Based Occupational Segregation: Discrimination or Voluntary Choice?"; International Association of Feminist Economists; July 1995

"The Challenges of Privatization in Eastern Europe"; International Academy of Business Disciplines; April 1995

"A Stochastic Model of Bank Consolidation Trends"; Eastern Economic Association; March 1995

"Stochastic Differential Utility and Portfolio Choice"; Eastern Economic Association; March 1995

"Dynamic Preferences and Environmental Choices"; Western Economic Association; July 1994

"Free Trade Agreements and the Dynamics of Firm Growth"; International Academy of Business Disciplines; April 1994

"Consumer Surplus for Nonmonotonic Utility Changes"; Eastern Economic Association; March 1994

"Deregulating the Check-cashing Industry: A Theoretical Analysis"; Eastern Economic Association; March 1994

"Dynamic Preferences"; University of Wollongong, Australia; August 1993

"Endogenous Utility Functions"; Auckland University, New Zealand; August 1993

"Evolving Preferences: A Hamilton-Jacobi Formulation in Continuous Time"; Massey University, New Zealand; August 1993

"The Economic Impact of Partial Deregulation"; State University of New York at Albany, April 1992

Publications

"Applications of Fuzzy Logic and Catastrophe Theories in Business Disciplines" (1997). In Biberman, J. (Ed.), *Global Business Perspectives*. Maryland: Lanham, University Press of America, p. 90-95.

"Implications of Corporate Global Restructuring for Transitional Economics in Eastern Europe" (1996). In Alkhafaji, A.F. and Biberman, J. (Eds.), *Business Research Yearbook: Global Business Perspectives*. Maryland: Lanham, University Press of America, p. 220-225.

"The Challenges of Privatization in Europe" (1995). In Alkhafaji, A.F. (Ed.), *Business Research Yearbook: Global Business Perspectives*. Maryland: Lanham, University Press of America, p. 410-415.

"Free Trade Agreements and the Dynamics of Firm Growth" (1994). In Alkhafaji, A.F. (Ed.), *Business Research Yearbook: Global Business Perspectives*. Maryland: Lanham, University Press of America, p. 247-252.

Rajan, C. (1994). *Breaking Through the Welfare Myths: The Challenges of Teaching Public Finance*, *Voices*; Vol. 15, Number 1, p. 29-32, Spring 1994.

Rajan, C. (1993) *Dynamic Preferences*; Working Paper: University of Wollongong, Australia.

Rajan, C., et al. (1991). *Economic Profile of the Check Cashers' Industry*. Report to the State of New York Banking Department Graduate School of Business Administration, State University of New York at Albany, New York.

Rajan, C. (1990). *The Theorem of Frobenius of the Integrability Problem*. SUNY Working Paper Series, State University of New York at Albany, New York.

Rajan, C. (1990). *Integrability Revisited: The Dual Form of the Frobenius Theorem*. SUNY Working Paper Series, State University of New York at Albany, New York.

Book Reviews

"The Power to Choose: Bangladeshi Women and Labor Market" *Multicultural Review* – December 2000

"Glass Ceiling and Asian Americans" *Multicultural Review* – December 2000

"Emerging Voices: South Asian American Women Redefine Self, Family and Community" *Multicultural Review*, June 2000, Vol. 8 (2), p. 79-80

"Helping Out: Children's Labor in Ethnic Business" *Multicultural Review*, June 2000, Vol. 8 (2), p. 82

"Global Corporate Strategy" *Multicultural Review*, March 1999, Vol. 7 (1), p. 82

"The Price of a Dream: The Grameen Bank" *Multicultural Review*, December 1996, Vol 5(4), p. 76.

HONORS

Harvey Fellow Grant; Siena College, 2000

Siena College Summer Research Fellowship, 1997.

Harvey Fellow Grant; Siena College, 1996.

Siena College Summer Research Fellowship, 1996.

Siena College Summer Research Fellowship, 1995.

Hudson-Mohawk Interdisciplinary Seminars, *"Environmental Science and Policy*, 1994.

Siena College Summer Research Fellowship, 1994.

Visiting Fellow, University of Wollongong, Australia, 1993.

Siena College Summer Research Fellowship, 1993.
Siena College Women and Minorities Teaching Fellowship, 1993.
University of Ottawa Research Scholarship, 1984-1986.
University Grants Commission Scholarship, Government of India, 1978-1980.
Agarkar Memorial Award, University of Poona, India, 1981.
Kolhatkar Prize for Economics, 1980.
Limaye Award for Humanities, 1978.
Basutkar Undergraduate Award, 1974.
National Scholarship, Government of India, 1974.

INTERNATIONAL EXPERIENCES

INVITED LECTURES

1993	University of Wollongong, Australia
1993	University of Auckland, New Zealand
1993	Massey University, New Zealand

RESEARCH POSITIONS

1993	Visiting Fellow University of Wollongong, Australia
1980-81	Research Assistant Gokhale Institute of Economics and Politics, India

COLLABORATIVE RESEARCH

1995	University of Economics; Bratislava Slovak Academy of Sciences, Bratislava The Slovak Republic
------	--

TEACHING

July 1999	FAE, Curitiba, Brazil
June 1995	University of Uzhghorod, Ukraine
1982-85	University of Ottawa, Canada
1980-81	University of Poona, India