

**CURRICULUM VITAE**  
**JOSEPH S. SZYLLOWICZ**

**Professor, Josef Korbel School of International Studies;  
University of Denver  
Denver, CO 80208  
(303) 871-2324; 871-4702  
email: jszylow@du.edu**

**PERSONAL:**

Birthplace: Belgium  
Married, two children. Citizen: USA

**ACADEMIC DEGREES:**

B.A.: University of Denver, 1953  
M.A.: School of Advanced International Studies, Johns Hopkins University, 1955  
Ph.D.: Columbia University, 1961

**TEACHING EXPERIENCE:**

Josef Korbel School of International Studies, University of Denver 1965-  
Oxford University, Michaelmas Term, 1984;  
University of Michigan, 1980;  
University of Utah, Summer 1980;  
Long Island University, Summer 1966;  
Brooklyn College, 1961-1964;  
Hunter College, 1961-1962;  
University of Maryland, Extension Division, 1960.

## **ADMINISTRATIVE EXPERIENCE:**

Acting Dean: Josef Korbel School of International Studies, 1968

Founder and Director:

Intermodal Transportation Institute, 1990-1999

Technology, Modernization and International Studies Program, 1975-1984

Director:

Rocky Mountain Middle East Seminar, 1976-1984

American Research Institute in Turkey, 1964-1965

Ph.D. Placements, Graduate School of International Studies, 1970-1973, 1979-1981,  
1985-1988

## **PROFESSIONAL ACTIVITIES AND RESPONSIBILITIES:**

General Rapporteur and member, Scientific Committee, International Conference on Sustainable Transportation in Developing Countries, United Arab Emirates, January 2005

International Co-Chair, Sustainable Transportation Task Force, China Council for International Cooperation and Environmental Development, 2003-

US Delegation to Asia Pacific Economic Cooperation (APEC), 1999-present

Technology Transfer Committee, TRB, member, 1996-2000

Expert Panel on Transportation, World Development Council, Member, 1995-2000

Comparative Interdisciplinary Studies Section, International Studies Association,  
Chairperson/President, 1984-1986,

Turkish Studies Association, President, 1984-1986, Secretary 1982-1984, 1974-1976, Secretary,  
1973-1974, Member, Executive Committee, 1973-1978

Middle East Studies Association, Program Committee, 1982-1984, 1972-1973, Member,  
1971-1972

University Faculty Senate, President, 1988-1990, Member 1970-1973, 1986-1992, Executive  
Committee 2002-present

Monograph Series in World Affairs, Editor, 1966-1968, 1970-1971

International Studies Association, Governing Council, 1985-1987

American Research Institute in Turkey, Executive Board, 1976-1978

American Professors for Peace in the Middle East, National Executive Committee, 1978-1993

Technology and Cultural Transformation, Executive Board, 1978-1984

Middle East Studies Association, Dissertations Awards Committee, 1982-1984

Numerous University and GSIS Committees

Referee:

Transportation Research Board, National Science Foundation, National Endowment for the Humanities, American Political Science Review, Comparative Politics, International Studies Quarterly, Sage Professional Papers, Journal of Developing Areas, Economic Development and Cultural Change, Comparative Political Studies, Monograph Series in World Affairs, Western Political Quarterly, Comparative Education Review, Political Studies, Nationalism and Ethnic Politics, Middle East Journal, University of Texas Press, ABC-CLIO Press, State University of New York Press, Westview Press, Frank Cass Ltd, Lexington Books.

Lectures/Seminars:

Oxford University, Fondation Nationale des Sciences Politiques, (Paris), Princeton University, Columbia University, Universite Des Sciences Humaines (Strasbourg), UNA (Costa Rica), Air Force Academy, College of William and Mary, Exeter University, Bradford University, Durham University, Hull University, Colorado State University, Idaho State University, Hebrew University, Tel Aviv University, Israel Oriental Society, Institute of National Planning (Cairo), Communications & Development Institute (Teheran), Bogazici University (Istanbul), Bilkent University (Ankara). Delivered papers at numerous national and international conferences and professional meetings.

Consultancies and Advisory Boards:

Board of Directors, Intermodal Transportation Institute, 2001-2005 and American Jewish Committee, 1993-present; Directorate of Civil Aviation, Costa Rica (1993); Center For Aerospace Analysis, US Space Command (1993), (Moran, Stahl, and Boyer 1988-) General Electric (1989); Council for International Exchange of Scholars (1984) University Affiliation Project; Office of Technology Assessment (1982-1983) Technology Transfer to the Middle East; The Colombo Plan (1978) Technology and Basic Human Needs; HEW (1976) Internationalizing Engineering Curricula; NSF (1975) Technology and International Affairs.

**GRANTS RECEIVED:**

Asia Pacific Economic Cooperation, 1999-2000, \$70,000, co-author  
To analyze intermodal skill requirements and capabilities within APEC  
Office of Education, HEW, 1973-1975, \$52,947.00  
To develop and introduce courses dealing with technology and international affairs at the Graduate School of International Studies.

IBM, 1974-1976, \$27,000.00

Fellowship support for students interested in technology and public affairs.

Sloan Foundation, 1978-1981, \$298,000.00

Support for the development of graduate educational and research program in technology and international affairs

Rand Graduate Institute, 1981-1982, \$10,000.00

Development of a case study on planning and management of technological projects

Social Science Research Council, 1976-1979, \$3,800.00

Establishment of Regional Middle East Seminar

Co-authored numerous other grant applications funded by such organizations as the Office of Education, National Science Foundation, The Ford Foundation, the International Development Research Council, and the U.S Department of Transportation.

### **HONORS AND FELLOWSHIPS**

Distinguished Service Award, University of Denver, 2002

Educator of the Year Award, Denver Transportation Community, 1999

Senior Fellow, Bilkent University (Ankara, Turkey), 1998

International Award for Science and Ethics in Transportation Research, Alliance for Transportation Research, 1997

Outstanding Scholar, Burlington Northern Foundation Award, June 1986

Senior Associate, St. Antony's College, and Fellow, Department of External Studies, Oxford University, 1984-1985.

Fulbright Senior Research Fellowship, 1983

Fellow, Institute for Advanced Studies, Hebrew University of Jerusalem, 1979

Martin Professor, Harry S. Truman Institute, Hebrew University of Jerusalem, 1977

Ford Foundation Research Grant, 1968-1969

Social Science Research Council, 1968-1969

Ford Foundation Fellowship, 1955-1958

Scholarships and Fellowships from the University of Denver, Johns Hopkins University, Columbia University, and the Graduate School of International Studies

Member of *Phi Beta Kappa*, *Pi Gamma Mu*, *Tau Kappa Alpha*, *Phi Delta Rho*

Listed in *American Men of Science*, *Who's Who in the West*, *Dictionary of International Biography*, *International Scholars Directory*, *Contemporary Authors*, *Men of Achievement*, *International Authors*, and *Writer Who's Who*

## **TRAVEL:**

Western and Eastern Europe, the Far East, Africa, Latin America, and the Middle East  
Residence in England, 1984-1985  
Residence in France, Spring, 1991  
Residence in Turkey, 1956-1958, 1959-1960, 1964-1965, 1968-1969, 1983, 1998  
Residence in Israel, 1977, 1979  
Research trips to Egypt (1970, 1978), Iran (1960, 1965, 1978), and North Africa (1964)

## **LANGUAGES:**

French (fluent), Turkish (fluent)

## **OUTREACH ACTIVITIES**

President, Denver Council on Foreign Relations (2005-)

Numerous TV and radio appearances including the McNeil Lehrer News Hour and the Voice of America; OPED pieces in the *Chicago Tribune*, *Denver Post*, *Rocky Mountain News*, *Engineering News Record*.

## **PUBLICATIONS**

### **BOOKS:**

*Special Issue, "Transportation in China" World Transport Policy and Practice Vol 12, #4, 2006, Editor and co-author*

*Towards A Sustainable Future [6 vols -- Energy, Environment and Transportation in China, Transportation Development Issues in China, Strategy and Policy for the Development of a Sustainable Transportation System in China, The Development of Sustainable Urban Transportation in China, International Experience and Lessons on Sustainable Transportation Development, International Forum on Sustainable Transportation Development in China] (China Communications Press, 2005-2006), Co-editor*

*Symposium on Intermodal Transportation (Transportation Law Journal, Summer 2000), Co-author and co-editor*

- Denver International Airport: Lessons Learned* (McGraw Hill, 1996), co-Author
- Politics, Technology, and Development: Decision Making in the Turkish Iron and Steel Industry* (NY: St. Martin's Press and London: The Macmillan Press Ltd/St. Antony's College Series, 1991).
- Technology and International Affairs* (N.Y.; Praeger, 1981), Editor and co-Author
- The Energy Crisis and U.S. Foreign Policy*, (N.Y.: Praeger Publishers, Inc., 1975), co-Editor and co-author
- Education and Modernization in the Middle East* (Ithaca, NY: Cornell University Press, 1973)
- Political Change in Rural Turkey, Erdemli: A Case Study* (The Hague: Mouton & Co. for the Near and Middle East Institute, Columbia University, 1966)
- The Contemporary Middle East, Tradition and Innovation* (New York: Random House, 1965) co-editor and co-author

#### **MONOGRAPHS AND REPORTS:**

- Identification of Needed Intermodal Skills and Development of Required Programs*, (APEC, October, 2000), co-author.
- Religious Education of the Future of the Turkish State* (UCLA: Center for Near Eastern Studies, UCLA, 1992)
- Planning, Managing and Implementing Technological Development Projects: The Case of the Ereğli Iron and Steel Works* (Boston: Intercollegiate Case Clearing House, 1982 and the Case Clearing House of Great Britain and Ireland, Cranfield Institute of Technology, 1985)
- Decision-Making in a Technological Environment: The Case of the Aswan High Dam* (Boston: Intercollegiate Case Clearing House, 1980, and The Case Clearing House of Great Britain and Ireland, Cranfield Institute of Technology, 1985).
- Petropolitica and the Atlantic Alliance* National Security Affairs Monograph 76-1 (National Defense University, Research Directorate, 1976), co-Author

*A Political Analysis of Student Activism: The Turkish Case* (Beverly Hills, CA: Sage Professional Papers in Comparative Politics, 1972).

#### **CHAPTERS IN BOOKS:**

"Transportation as a Component of Homeland Security Strategy" in P. Viotti et al, eds, Strategic Perspectives on Homeland Security (Frances and Taylor, 2007)

"International Transportation Security" in J.F.Plant, ed., *Handbook of Transportation Policy and Administration* (London: Taylor and Francis, 2007)

"Aviation Security and Global Terrorism", Istanbul Conference on Democracy and Global Terrorism 2005 (Istanbul: Oncu Press, 2006)

"Islam and Democracy in Turkey" in W. Safran, ed., *The Secular and the Sacred* (London: Frank Cass, 2004)

"Education and Intermodalism" in V.T. Arasan, ed., *Transportation Systems Planning and Operation* (Chennai, India: Allied Publishers, Ltd., 2004)

"Decision Making for Sustainable Development: Towards a New Paradigm" in S. Nagel, ed., *Multi-National Policy Toward Prosperity* (Boston: Lexington Books, 2001)

"Education" in L.C. Brown, ed., *The Imperial Legacy: The Ottoman Imprint on the Balkans and the Middle East* (NY: Columbia University Press, 1995), paperback, 1997

"Education and Knowledge" in C.E. Black and L.C. Brown eds., *Modernization in the Middle East: The Ottoman Empire and Its Afro-Asian Successors* (Princeton, NJ: Darwin Press, 1993 hardback and paper).

"Education and Political Development" in M. Heper ed, *Politics in the 3rd Turkish Republic* (Westview, 1993).

"Perspectives on Technology: The Case of the Printing Press in the Ottoman Empire in E. Ihsanoglu ed., *Transfer of Modern Science & Technology to the Muslim World* (Istanbul: Resource Center for Islamic History, Art and Culture, 1992) Reprinted in *Archivum Ottomanicum*, Vol. II, 1986 (1988), pp. 249-259.

"Universities & Knowledge Transfer" in G. Thill ed, *Reseaux, Mode d'emploi Environment, Communication, Recherche* (Namur, Belgium: Presses Universitaires De Namur, 1992).

"Turkey" in P. Altbach, ed. *Student Political Activism - An International Reference Handbook* (Westport, CT: Greenwood Press, 1990).

"Technology Transfer and International Development" in R. Simon, ed. *Diplomacy and Politics in the Middle East* (NY: Columbia University Press, 1989).

"The Iron and Steel Industry" in *Proceedings of the Xth Congress of Turkish History* (Ankara: Turkish Historical Society, 1989).

"Technology and Rural Development" in B. Cannon, Ed. *Terroirs et Societe Au Moyen Orient et au Maghreb* (Lyon: Universite de Lyon, 1985).

"Technological Decision-Making and Technology Transfer" in I. Gokalp, ed. *La Nouvelle Economie Politique Turque*. (Paris: Federation de la Maison des Sciences de L'Homme, Cahiers Du Groupe d'Etudes sur la Turquie Contemporaine, 1985).

"Ataturk and Educational Modernization" in G. Gulmez, (ed.) *Ataturk Centennial Album* (NY: Federation of Turkish American Societies, Inc. 1982) reprinted from *Journal of the American Institute for the Study of Middle East Civilization*, Vol. 1, No. 3-4 Autumn/Winter 1980-1981.

"Education for Science and Technology Policy Analysis: Problems and Prospects" in Joseph Haberer (ed.), *Science and Technology Policy* (Lexington Books, 1977).

"The Ottoman Empire" in *Commoners, Climber and Notables: A Sampler of Studies on Social Ranking in the Middle East*, C.A.O. Van Nieuwenhuijze, ed. (Leiden: E.J. Brill, 1977).

"Changes in the Recruitment Patterns and Career-Lines of Ottoman Provincial Administrators During the Nineteenth Century" in M. Ma'oz, ed., *Studies on Palestine During the Ottoman Period* (Jerusalem: The Magnes Press, Hebrew University, 1975).

"Modernization and Elite Circulation in Turkey" in F. Tachau, ed., *Elites and Modernization in the Middle East* (Cambridge, Mass.: Shenkman Publishing Co., 1974).

"Student Activism in Turkey" in D. Sinor (ed.), *Proceedings of the XXVII International Congress of Orientalists* (Wiesbaden: Otto Harrassowitz, 1969).

#### **JOURNAL ARTICLES:**

"Intermodalism in State Departments of Transportation (co-author), *World Review of*



*Intermodal Transportation Research* (2007), co-author

“Aviation Security: Promise or Reality”, *Studies in Conflict and Terrorism*, 2004;  
reprinted in R. Howard, et al., *Homeland Security and Terrorism* (NY: McGraw Hill, 2005)

“International Transportation Security”, *Review of Policy Research*, May 2004

"Surface Transportation Policy and Sustainable Development in Turkey", *Middle Eastern Studies*, January 2004

“Prise de decisions, transport intermodal et mobilite durable;vers un nouveau paradigme, *Revue internationale des sciences sociale*, June 2003 (also published in English version as "Decision making, Intermodal Transportation, and Sustainable Mobility: Towards a New Paradigm, *International Social Science Journal*, June 2003)

"Measuring the Effectiveness of Public Involvement Approaches", *TR News*, May/June, 2002

"Transportation Security: The Energy Dimension", *Urban Technology*, December, 2001. co-author.

"Revisiting Transportation Planning and Decision Making Theory", (co-author), *Transportation Research*, Part "A", 1997

"Dilemmas of Transportation Security", (co-author), *Transportation Quarterly*, 1997, reprinted in *Sino-American Conference on Intermodal Transport Policy and Regulations* (Beijing: Information Institute of Communications, MOC, 1999)

"Getting Realistic About Megaproject Planning: The Case of the New Denver International Airport" (co-author) *Policy Sciences*, 1995.

"Universities, the State, and Technological Development in Turkey", *Higher Education Policy*, 1995.

"The DU Center For Transportation Studies: Education at the Crossroads" (co-author), *Transportation Law Journal*, 1992.

"Success and Failure in International Technology Transfer: The Case of the Turkish Iron and Steel Industry," *Journal of Economics and Administrative Studies*, Vol 2, No 1 Winter 1988, pp. 1-18

"Continuity and Change in Turkey's Educational Policies" in P. Oberling *Turks, Hungarians and Kipchaks*, special issue of *Journal of Turkish Studies* (Cambridge Mass: Harvard University, Office of University Publisher, Volume 8, 1985).

"The Technological Fallacy of Technological Decision Making," *Scandinavian Journal of Development Alternatives*, September/December 1985.

"The Iron and Steel Industry in Turkey," *Turkish Studies Association Bulletin*, March 1983, Vol. 7 #1, pp. 15-19, reprinted as "La Sidurgie en Turquie" in *Equipe de la Recherche sur la Turquie* (Paris: Centre d'Etudes et de Recherches Internationales, Foundation Nationale des Sciences Politiques, 1985).

"The Technological Dimension of Decision-Making: The Case of the Aswan High Dam" (with Robert W. Rycroft), *World Politics*, October 1980, reprinted in *Ciencia y Desarrollo* 1981

"Educational Policies in the Middle East," *Trends 2000*, Vol. 1, No. 4, Summer 1979

"Prospects for Scientific and Technological Development in Saudi Arabia," *International Journal of Middle East Studies*, Vol. 10, No. 3, August 1979; reprinted as "New Policies Seen Crucial to Saudi Arabian Technological Development," *American Banker*, Vol. CXLIVk No. 217, Wednesday, November 7, 1979, and in *Journal of Contemporary Business*, Vol. 9. #3, 1980

"Science, Technology, and Development in the Arab World," *Middle East Review*, Spring 1978

"The Oil Weapon and American Foreign Policy" (with Bard O'Neill), *Air University Review*, Vol. 28, No. 3, March-April 1977

"Education, Technology, and Modernizing Societies," *Technos*, Summer 1976

"Prospects for Peace in the Middle East," *Denver Journal of International Law and Policy*, Vol. 5, No. 2, Fall 1975

"Elite Recruitment in Turkey: The Role of the Mulkiye," *World Politics*, April 1971

"Students and Politics in Turkey," *Middle Eastern Studies*, May 1970

"Education and Political Development; Turkey, Egypt and Iran," *Comparative Education Review*, June 1969

"Das Politische leben in den landlichen gebieten der Turkei," *Bustan*, 1967

"Political Participation and Modernization in Turkey," *Western Political Quarterly*, June 1966; reprinted in Claude E. Welch, ed., *Political Modernization* (Belmont, Calif.:

Wadsworth Publishing Co., Inc.,: 1971), 2nd edition

"The 1965 Turkish Election," *The Middle East Journal*, August 1966

"The 1961 Turkish Constitution, An Analysis," *Islamic Studies*, September 1963

"Political Dynamics of Rural Turkey," *The Middle East Journal*, Autumn 1962

**OTHER:**

Contributor on the Middle East, *The Oxford Encyclopedia of the Modern Islamic World*; *Encyclopedia Britannica: World Scope Encyclopedia*; *Merit Students Encyclopedia*; *The Columbia Encyclopedia*, 3rd edition; *Academic American Encyclopedia*; *Arete Encyclopedia*

Book reviews in *American Political Science Review*, *Middle East Journal*, *Educational Forum*, *MESA Bulletin*, *TSA, Bulletin*, *Bulletin de L'Equipe de Turquie*, *Journal of Politics*, *Digest of Middle East Studies*, *International Journal of Middle East Studies*, *Digest of Middle East Studies*

**WORK IN PROGRESS:**

A Comparative Analysis of Airport Planning and Decision Making

Safety and Security in Intermodal Transportation

Education and Sustainable Transportation