

# **Curriculum Vitae**

**Richard Jung**

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## ADDRESS

Kouřimská 24  
CZ - 284 01 Kutná Hora  
Czech Republic

+420 607 587 627  
[Richard.Jung@post.Harvard.edu](mailto:Richard.Jung@post.Harvard.edu)  
[www.RichardJung.cz](http://www.RichardJung.cz) or [www.univie.ac.at/aoc](http://www.univie.ac.at/aoc)

## PERSONAL

Born 19 June 1926 in Čáslav, Czechoslovakia

Czech & US citizen

## CURRENT POSITIONS

Director, International Center for Systems Research, Czech Republic

Professor Emeritus of Sociology and Theoretical Psychology, University of Alberta

## DEGREES

Doctor of Philosophy in Social Relations, Harvard University

Doctor of Laws, Charles University in Prague

## LANGUAGES

*Fluent:* Czech, English, French, German, Norwegian

*Reading ability:* Latin; Slavic, Germanic and Italic languages

## ACADEMIC CONCENTRATION

Applications of systems analysis in the behavioral sciences

Theory and methodology in psychology and sociology

Philosophy, history, and sociology of science

Developmental psychology, socialization, and social control

## CURRENT RESEARCH

General systems theory:

An attempt at a comprehensive formulation

Theory of experience and action:

A phenomenological and cybernetic formulation of psychological and sociological theory

Metatheory of living systems:

Classification and description of transformations between fundamentally different ways of analyzing living systems

Complex systems research:

Application of systems analysis to individual and aggregate human behavior

## TEACHING EXPERIENCE AND PREFERENCES

Taught a variety of courses on all levels from first year undergraduate to post-doctoral and faculty seminars. Among them were:

Theory Construction, Logic of Social Inquiry, Philosophy of Social Science, Phenomenology, Hermeneutics, Systems Theory, Cybernetics, Decision Theory;

Theories in the Behavioral Sciences, Theories in Social Psychology, History of Sociological Theory, Contemporary Sociological Theory, Advanced Topics in Sociological Theory, Advanced Topics in Theoretical Psychology;

Theory of Data, Factor Analysis, Qualitative Analysis, Developmental Analysis, Psychological Testing;

Animal Behavior, Social Psychology, Personality, Abnormal Psychology, Psycho-Social Development, Psychology of Time, Psychology of Consciousness;

Introductory Sociology, General Sociology, Basic Sociological Concepts, Ethnomethodology, Symbolic Behavior, Social Control, Mass Communications, Organization Theory, Collective Behavior, Socioeconomic Development;

Introduction to Political Science, Systems Theory for Political Scientists, Political Science for Economists.

## GRADUATE SUPERVISION

Supervised and examined M.A. and Ph.D. level students at the University of Pittsburgh, Rutgers University, Cornell University, Brunel - The University of West London, University of Amsterdam, University of Duisburg, University of Augsburg and the Royal Melbourne Institute of Technology.

At the University of Pittsburgh has introduced in 1961 a Graduate Program in Sociology, which has been adopted since 1962 by the whole Faculty of Arts.

From 1964 to 1968 was responsible for graduate training in the Program for Social Systems Analysis at Cornell.

In 1971 proposed a graduate program in Sociology at the University of Alberta that was in effect under the name 'Program 3' until 1987

In 1988 was responsible for developing a Graduate Program in Systems, Cybernetics, and Informatics for the University of the World.

Has supervised, or served on the thesis committee of, the following students:

G. Horná	MA (Sociology)	Quit	Supervisor
M. Assheton-Smith	MA (Sociology)	Bypass	Supervisor
D. Mottershead	MA (Sociology)	Bypass	Supervisor
P. Engstad	MA (Sociology)	1971	Supervisor
D. Rehorick	PhD (Sociology)	1973	Supervisor
G. Baureiss	PhD (Sociology)	1976	Member
G.P. Kearsley	MS (Interdisciplinary)	1976	Member
F.J. Fernandez-Chavez	PhD (Cybernetics, Brunel)	1978	External
L. Johnson	PhD (Cybernetics, Brunel)	1978	External
D.E. Luke	MPh (Cybernetics, Brunel)	1979	External
J. White	PhD (Sociology)	1979	Member
R. Krebs	MA (Sociology)	1979	Supervisor
K. Mazurek	PhD (Educational Foundations)	1980	Outside
D. Alexander	MA (Sociology)	1981	Supervisor
R. Adcock	MA (Community Development)	1984	Supervisor
T. Simmons	PhD (Sociology)	1984	Member
H. Hammer	PhD (Sociology)	1984	Member
H. Nassir	PhD (Sociology)	1985	Member
J. Hesselbaum	DiplSoc (Duisburg)	1985	Supervisor
A. Hirseland	DiplÖk (Augsburg)	1985	Member
R. Wall	PhD (Educational Foundations)	1986	Member
R. Johnson	MA (Anthropology)	1987	Member
M. Assheton-Smith	PhD (Sociology)	1987	Supervisor
D. Starritt	PhD (Sociology)	1988	Member
D. Kallikourdis	PhD (Cybernetics, Brunel)	1988	External
D. Mottershead	PhD (Sociology)	1989	Supervisor
T. Anderson	PhD (Educational Psychology)	1991	Member
B. Venot	PhD (Educational Psychology)	1991	External
M. Starý	Abs (Protection of Environment, Chrudim CZ)	2000	External
G. Barnes	PhD (Psychology, RMIT, Melbourne, Australia)	2002	External
M. Vahl	PhD (Andragology, Amsterdam)		External

**PROFESSIONAL AFFILIATIONS (PAST & PRESENT)**

American Political Science Association

Committee on Conceptual and Terminological Analysis (COCTA)  
Foundations of Political Theory Group

American Psychological Association

American Society for Cybernetics (Fellow)

American Society for Information Science

American Sociological Association (Fellow)

Association for Supervision and Curriculum Development

Canadian Society for Cultural and Intellectual History (Secretary)

Canadian Society for Hermeneutics and Postmodern Thought

Cybernetics Society of the United Kingdom (Fellow)

Česká společnost pro kybernetiku a informatiku

Pracovní skupina pro výzkum systémů a informace

[Czech Association for Cybernetics and Informatics, Work Group for Systems and Information Theory, (Affiliated with European Systems Science Union {U.E.S.})

Česká společnost pro politické vědy při České akademii věd

[Czech Political Science Association affiliated with the Czech Academy of Science]

Česká občanská futurologická společnost

[Czech Futurological Civic Association]

European Society for the Study of Cognitive Systems

European Systems Science Union (U.E.S.)

International Federation for Systems Research

International Society for General Systems Research

International Society for Human Ontogenesis

International Society for the Comparative Study of Civilizations

International Society for the Systems Sciences (ISSS)

International Society for Theoretical Psychology (Founding Member)

International Sociological Association, RC 51 on Sociocybernetics

Masarykova česká sociologická společnost

[Masaryk Czech Sociological Association]

Meziuniversitní program studií budoucnosti (Člen rady)

[Czech Interuniversities Program for the Study of the Future (Council Member)]

Österreichische Studiengesellschaft für Kybernetik (Foreign Affiliate)

Sociedad Española de Sistemas Generales

Society for Social Studies of Science

Systemgroep Nederland

**EDUCATION**

- 1955-57 Harvard University, Department of Social Relations  
Sociology with minors in Social and Clinical Psychology and in Social Anthropology
- 1954-55 Columbia University, Department of Sociology
- 1952 Salzburg Seminar in American Studies  
Psychology and Sociology Session
- 1951-53 University of Oslo  
Political Science and of Sociology
- 1948 Graduate School of Political Science and Social Work, Helsinki  
Political Science
- 1948 University of Paris, Sorbonne  
Philosophy
- 1948 Ramakrishna Mission, Paris  
Indian philosophy (with Swami Siddheswarananda)
- 1947 Woodbrooke Quaker Study Centre, UK  
Philosophy and Theology
- 1947 London School of Economics  
Political Science and Social Anthropology
- 1945-48 Charles' University, Faculty of Law, Prague  
Economics and Law
- 1943-44 Institute of Agronomy, Poděbrady, Czechoslovakia  
Third year  
Examinations for the fourth year and Diploma in 1946
- 1942-43 Institute of Agronomy, Čáslav, Czechoslovakia  
Second year, upon passing examinations for the first year
- 1938-42 Czech Classical Gymnasium, Kutná Hora, Czechoslovakia  
Second through fifth year  
Examinations for the sixth, seventh, and eighth year, matriculation, and graduation in 1945
- 1937-38 German Classical Gymnasium, Jihlava, Czechoslovakia
- 1931-36 Czech Elementary School, Kutná Hora, Czechoslovakia

**RESEARCH AND TEACHING APPOINTMENTS**

- 2002-05 Professor at Large of Systems Studies,  
Center for Innovation and Cooperative Technology (CICT) at the University of  
Amsterdam
- 1999-01 Associate Scientist,  
Institute of Sociology, Czech Academy of Sciences
- 1994- Director,  
International Center for Systems Research
- 1993-94 Director,  
Center for Systems Research, Czech Academy of Science
- 1991-93 Professor of Political Science,  
Faculty of Social Science, Charles University
- 1991-93 President,  
Masaryk Institute for Advanced Study, Czech Technical University of Prague
- 1991- Professor Emeritus of Sociology and Theoretical Psychology  
University of Alberta
- 1990-92 Director,  
Center for Systems Research, Czechoslovak Academy of Sciences
- 1987- Docent,  
Faculty of Social Sciences, Universiteit van Amsterdam
- 1985-92 Director,  
Center for Systems Research, University of Alberta
- 1985-92 Adjunct Professor of Theoretical Psychology,  
University of Alberta
- 1983-84 Visiting Professor of Sociology and Communication Science,  
Universität Augsburg
- 1982-83 Visiting Professor of Sociology,  
Universität Duisburg
- 1978-79 Visiting Professor of Cybernetics,  
Brunel University
- 1972-84 Academic Affiliate to Associate,  
Center for Advanced Study in Theoretical Psychology, University of Alberta
- 1970-91 Associate Professor to Professor of Sociology,  
University of Alberta

- 1968-70 Associate Sociologist,  
Social Science Research Institute, University of Hawaii, Honolulu
- 1966-67 Senior Research Associate,  
Center for Environmental Quality Management, School of Engineering, Cornell University
- 1964-68 Senior Research Associate and Lecturer in Sociology,  
Graduate Faculty, Cornell University
- 1964-68 Associate Director,  
Program in Social Systems Analysis, Cornell University
- 1963-65 Associate Professor of Sociology,  
Graduate Faculty, Rutgers University (On leave 1964-65)
- 1963 Academic Associate,  
T.J. Watson IBM Research Center, Yorktown Heights NY
- 1963 Assistant Professor,  
Summer Faculty, Department of Sociology, Columbia University
- 1960-63 Assistant Professor of Sociology,  
Graduate Faculty, University of Pittsburgh
- 1959-60 Director,  
Researchers' Technical Bureau, Boston MA
- 1957-59 Research Associate,  
Mellon Foundation, Vassar College
- 1957-59 Research Associate,  
Sensory Deprivation Project, Boston Psychopathic Hospital
- 1955-57 Research Assistant,  
Department of Social Relations, Harvard University  
(With Professor Talcott Parsons: Sociological theory of the Polity)
- 1954-55 Research Assistant,  
Mellon Foundation, Vassar College  
(With Dr. R. Nevitt Sanford: Study of personality development and higher education)
- 1951-53 Research Assistant,  
Sociological Institute, University of Oslo  
(With Professor Sverre Holm: Study of industrialization in Arctic Norway)
- 1950-51 Research Sociologist,  
City Planning Office, Oslo  
(With Mag. Petersen: Study and planning of urban growth)



**CONSULTING AND PROFESSIONAL ACTIVITIES**

- 2002- Member, Conference Committee,  
International Society for the Systems Sciences 2003 Conference to be held in Iraklion,  
Crete, Greece, 7-11 July 2003
- 2001- Member, International Program Committee,  
5th European Systems Science Congress to be held in Crete 16-19 October 2002
- 1998- Member of the Editorial Board,  
*RES Systemica (Revue Européenne de Systémique)*, Journal of the System Science  
European Union (UES)
- 1991- Council Member,  
Czechoslovak Interuniversities Program for the Study of the Future
- 1991-99 Member of the Editorial Board,  
*Studia Humanistica*, Czechoslovak Academy of Sciences, Prague CZ
- 1991 Chair,  
First International Symposium on the Theory of Living Systems, Bechyně Castle,  
Czechoslovakia, 20-26 May 1991
- 1989- Senior Research Consultant,  
The Institute for Anomalous Research, Amsterdam NL
- 1989-91 Chair,  
Local Organizing Committee, Annual Meeting of International Sociological Association,  
Research Section on Sociocybernetics and Systems Theory, Edmonton AB, June 1991
- 1989-91 Member, Program Committee  
Second Canadian Conference on the Foundations and Applications of General Science:  
Transdisciplinary Structures and Curriculum Innovation, Toronto ON, 24-25 May 1990
- 1988- Member of the Board,  
System Research (An International Scientific Society), Marburg D
- 1988- Member of the Board,  
The Giambattista Vico Institute for Cybernetics and Applied Epistemology, Amsterdam  
NL
- 1988-90 Executive Director for Canada,  
The University of the World
- 1987- Member, Advisory Committee,  
*International Journal of Systems Methods and Applications* Plenum Publishing  
Company

- 1987 Member, Conference Committee,  
First Canadian Conference on Foundations and Applications of General Systems  
Theory  
(Meeting of the International Society for General Systems Research, Canadian Division and North East  
United State Region) Ryerson Polytechnical Institute, Toronto ON, 20-22 May 1987
- 1986-89 Editor,  
*Center for Systems Research Working Papers*, University of Alberta
- 1986-89 External Advisor,  
Support, Survival and Culture Project, University of Amsterdam NL
- 1986-89 Member,  
Task Force on the Future of the Society, International Society for General Systems  
Research
- 1985-91 Associate Editor,  
*Journal of Intelligent Systems*, Freund Publishing House
- 1985-91 Member, Board of Directors,  
International Institute for Advanced Study of Systems, Cybernetics and Informatics
- 1985-91 Executive Committee Member (for Sociology and Psychology),  
International Institute for Advanced Study of Systems, Cybernetics and Informatics
- 1985-86 Chair,  
Program Area 'Natural Intelligence', 1986 Annual Meeting, International Society for  
General Systems Research, Philadelphia PA, 26-30 May 1986
- 1985-86 Member, Program Committee,  
Third International Conference on Systems Research, Informatics and Cybernetics,  
Baden-Baden D, 19-24 August 1986
- 1984- Associate Editor,  
*Journal of Systems Research and Information Science*, Gordon and Breach Science  
Publishers
- 1984-85 Member,  
Liaison Committee and Advisory Board, Second International Conference on Systems  
Research, Informatics and Cybernetics, Baden-Baden D, 21-25 August 1985
- 1978-87 Associate Editor,  
*Human Systems Management*, Elsevier Science Publishers (formerly North-Holland  
Publishing Co.)
- 1978-87 Secretary,  
Canadian Society for Cultural and Intellectual History

- 1978-79 Member,  
Task Force on the State of the Field, Society for General Systems Research
- 1977-82 Member,  
Advisory Committee, International Interdisciplinary 'Theory of Man' Project
- 1977-78 Consultant,  
Alberta Oil Sands Environmental Research Program, sponsored jointly by the  
Governments of Canada and Alberta: "A conceptual model of the environmental  
impact of oil sands development"
- 1977-78 Consultant,  
Planning Secretariat, Department of Advanced Education and Manpower, Government  
of Alberta: "A conceptual model of a research and science policy for the Province of  
Alberta"
- 1976-82 Senior Consultant,  
The Margana Consulting Pool Ltd., Edmonton AB
- 1976-82 Senior Member,  
Group in Latin American Population Studies (GILAPS)  
A joint CELADE (Santiago de Chile and San José, Costa Rica) / CANADA (University of Alberta and  
Université de Montréal) Research Study funded by the Canadian International Development Agency
- 1972- Member, International Advisory Committee,  
Centro Superiore di Logica e Scienze Comparete, Bologna I
- 1967-69 Consultant,  
Department of Clinical Services, Mt. Sinai Medical College, CUNY
- 1967-69 Consultant,  
Experiment in Higher Education, Southern Illinois University
- 1965-72 Consultant,  
Bellevue Ambulatory Care Program, NYU Medical Center
- 1965-71 Consultant,  
Unit for Experimental Psychiatry, University of Pennsylvania
- 1965-66 Consultant,  
United Planning Organization of the National Capital Area, Washington DC
- 1963-72 Consultant,  
Complete Medical Care Project, New York Hospital
- 1961-63 Consultant,  
California Study of Correctional Effectiveness, UCLA

- 1961-63      Consultant,  
                 Studies in Hypnosis Project, Harvard Department of Psychiatry
- 1959-61      Consultant,  
                 Mellon Foundation, Vassar College
- 1946-48      Founding Member,  
                 Circle for the Study of Public Opinion. Academic YMCA, Prague CSR

**NON ACADEMIC**

- 2001-03 Chair of the Board,  
Czech Aspect, a publicly beneficial association.
- 2001-02 Vice-president,  
Foundation Kutná Hora – A UNESCO Monument  
(to preserve local cultural heritage).
- 2000-02 Founder & First President,  
Renewed Joined Rotary Clubs of Čáslav, Kolín and Kutná Hora.
- 2000-02 Advisor for International Affairs to the Mayor of Kutná Hora.
- 2000-02 Commissioner  
for the renewal of the City Zoo, City Council of Kutná Hora.
- 2000-01 Chair,  
Commission on Environment, City Council of Kutná Hora.
- 2000-01 Member of the Board,  
Foundation „Kutná Hora – A UNESCO Monument“.
- 2000 Founder,  
Czech Aspect, a publicly beneficial association.
- 1999- Chair,  
Údolí Vrchlice, civic association, for the development of the valley of Vrchlice.
- 1999-00 Member,  
Protocol Commission, City Council of Kutná Hora.
- 1998- Chair,  
District Committee Kutná Hora, Czech Society of (WWII) Freedom Fighters.
- 1998- Representative in Kutná Hora,  
Czechoslovak Community of Legionnaires.  
(WW I and II volunteers in allied armies.)
- 1998-00 Member of Control Committee,  
Foundation „Kutná Hora – A UNESCO Monument“.
- 1998-02 Organizer and moderator,  
Kutnohorské Konfrontace.  
(Confrontations in Kutná Hora; a monthly discussion and social with invited guests.)
- 1997-99 „Thursday’s question.“  
*Kutnohorské noviny*, renamed 3.5.1999 as *Kutnohorský deník*.
- 1996-01 Member of the Board,

Endowment of dr. ing. Frank Munk and Nadja Munk – Prášilová.

- 1996-98 Chair,  
Local organization Kutná Hora, Czech Society of (WWII) Freedom Fighters.
- 1992-01 Member of the Presidium,  
Club of Natives and Friends of Kutná Hora.
- 1989 Returned from exile to Czechoslovakia.
- 1950-98 Member,  
Czechoslovak Social Democratic Party in Exile.
- 1950-52 Secretary to Chair,  
Association of Czechoslovaks in Exile in Norway.
- 1950-51 Personal Secretary to Mr. Odd Nansen,  
United Nations Commissioner for Refugees
- 1950 Factory worker, Oslo, Norway
- 1949 Farm hand, mountain farm above Lillehammer, Norway
- 1948 Acetylene torch Operator, Iron Works, turku, Finland
- 1948 Left Czechoslovakia for exile.
- 1946-48 Member,  
Czechoslovak Social Democratic Party.
- 1944-45 Imprisoned,  
ultimately in Little Fortress Terezín.
- 1943-45 Member,  
Central Committee of „Odboj čl. Mládeže“.  
(The Resistance of Czechoslovak Youth.)
- 1941-45 Member,  
„Divise Pribina, Obrana národa“.  
(Defense of the Nation, A Military Resistance Organization.)
- 1940-45 Commander in Chief,  
„Mladý odboj“.  
(Intelligence and sabotage groups distributed over the „Protektorate Bohemia and Moravia“.)
- 1937- Member  
Czechoslovak (later Czech) Sokol.
- 1936- Member  
Czechoslovak (later Czech) Scouts.  
[The Sokol and the Scout organizations have been repeatedly banned in Czechoslovakia during the German occupation, the Communist dictatorship and the Soviet occupation.]



## GRANTS AND AWARDS

- [2008](#) Norbert Wiener Gold Medal  
in recognition of major and prolonged contribution to cybernetics.  
Awarded by the American Society for Cybernetics.
- 2006 Best Paper Award  
18th European Meeting on Cybernetics & System Research, Vienna A.
- 2005 Pamětní odznak k 60. výročí ukončení 2. světové války od Ministra obrany ČR.  
(Medal of the Minister of Defense of the Czech Republic to the 60th anniversary of the end of WWII.)
- 2003 Junácká medaile díků „Za zásluhy o výchovu mládeže a rozvoj skautského hnutí“.  
(The Scout Medal of Gratitude from The Association of Scouts of the Czech Republic „For merits in education of youth and development of the Scout movement“.)
- 2001 Grant from Komerční banka, a.s. for Kutnohorské Konfrontace
- 2000 Pamětní medaile předsedy vlády „Za účast v boji za národní osvobození v letech 1939 – 1945“.  
(Medal of the Prime Minister of the Czech Republic „For participating in the struggle for national liberation 1939-45“.)
- 2000 Grant from Pivovar Kutná Hora, s.r.o. for Kutnohorské Konfrontace.
- 2000 Grant from Město Kutná Hora for Archiv I. a II. odboje na Kutnohorsku — 1. etapa.
- 1999 Cena Města Kutné Hory „Za konkrétní čin prospěšný městu“.  
(Price of the City of Kutná Hora „For an act beneficial to the city“.)
- 1969 1st Dan: Japan International Karate Center.
- 1977 Research grant from the Humanities and Social Sciences Research Fund, University of Alberta for Toward a computer-based model of the Province of Alberta: A first feasibility study.
- 1964 Research grant from Rutgers University Research Council.
- 1962 Research grant from University of Pittsburgh Alumni Association.
- 1960 SSRC grant in aid of research.
- 1957 Faculty of Arts and Sciences Fellow, Harvard University.
- 1956 Free Press Sociology Award, Harvard University.
- 1956 Faculty of Arts and Sciences Fellow, Harvard University.
- 1952 Fellowship, Salzburg Seminar in American Studies.



- 1950 Pamětní odznak druhého národního odboje „Za věrnost“.  
(Medal of the Second National Resistance „For remaining faithful“.)
- 1948 Pamětní odznak „Za účast v národním boji za osvobození Československa v letech 1939 – 1945“.  
(Medal „For participating in the struggle for the liberation of Czechoslovakia during 1939 – 1945“.)
- 1945 Čestné uznání „Za obětavou a nebezpečnou činnost v ilegální organizaci Odboj Československé Mládeže“.  
(Certificate of honor „For self-sacrifying dangerous activity in the illegal organization Resistance of Czechoslovak Youth“.)