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The Bank of Sweden Tercentenary Foundation

Riksbankens Jubileumsfond

1986



To the Swedish Riksdag

The Board of Directors of the Bank of Sweden Tercentenary Foundation submits herewith the following report on its activities in 1986.

At the end of the year, the Board of Directors consisted of the following members and deputy members:

- Professor Kjell Härnqvist (chairperson)
Deputy: Professor Bengt Pernow
- Bengt Dennis, Governor of the Bank of Sweden, (vice-chairperson)
Deputy: Kari Lotsberg, Asst. Manager, Bank of Sweden
- Stig Gustafsson, M.P.
Deputy: Birger Rosqvist, M.P.
- Helge Hagberg, M.P.
Deputy: Margit Sandéhn, M.P.
- Ing-Marie Hansson, M.P.
Deputy: Lars Svensson, M.P.
- Lars Ahlmark, M.P.
Deputy: Birger Hagård, M.P.
- Britta Bjelle, M.P.
Deputy: Lennart Alsén, M.P.
- Birgitta Hambraeus, M.P.
Deputy: Agne Hansson, M.P.
- Professor Walter Korpi
Deputy: Professor Lars Furuland
- Professor Leif Lewin
Deputy: Professor Ulf Olsson
- Professor Solveig Wikström
Deputy: Professor Jan Erik Kihlström

Professor Nils-Eric Svensson was the director of the Foundation and head of its staff in 1986.

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The Tasks of the Bank of Sweden Tercentenary Foundation

According to its statutes, the objective of the Foundation is to support and promote scientific research related to Sweden. This means that a) precedence is given to research fields which are inadequately financed in other ways, b) Foundation grants are primarily made to major, long-term projects, c) special support is provided for new research fields demanding rapid and comprehensive measures and d) contacts with international research programmes are promoted.

The guidelines drawn up prior to the Riksdagen's adoption of the Foundation statutes prescribed that the activities of the Foundation initially "concentrate on research aimed at expanding knowledge about the impact of technical, economic and social changes on the society and on individual citizens."

The statutes also call for considerable flexibility in Foundation programmes. In principle, no field of research is to be excluded from the possibility of receiving a grant from the Foundation.

Thus, the Board of Directors feels that socially important fields of research lacking any particular representative should also receive special support. In this manner, Foundation assistance can be viewed primarily as a *complement*, not as an alternative, to resources already available for financing high-level research in Sweden.

Procedure

The Board of Directors had four formal meetings during the year. In most instances, applications for grants are vetted by special experts prior to consideration by the Board. Applications are also reviewed and assessed by one or more committees (priority assignment committees) before being ruled on by the Board. The committees consist of Board members and experts outside the Board. The five committees appointed by the Board had the following members at the end of 1986:

Committee 1 (Economics, Geography etc.)

Britta Bjelle, M.P.
Birgitta Hambraeus, M.P.
Kari Lotsberg, Asst. manager, Bank of Sweden
Ulf Olsson, Ph.D., Professor
Solveig Wikström, Ph.D., Professor (chairperson)
Villy Bergström, Ph.D., Asst. Professor
Erik Bylund, Ph.D., Professor

Committee 2 (Behavioural Sciences etc.)

Kjell Härnqvist, Ph.D., Professor (chairperson)
Walter Korpi, Ph.D., Professor
Lars Svensson, M.P.
Karl Gustav Jöreskog, Ph.D., Professor
Lars-Göran Nilsson, Ph.D., Professor

Committee 3 (Political Science etc.)

Lennart Alsén, M.P.
Stig Gustafsson, M.P.
Birger Hagård, M.P.
Leif Lewin, Ph.D., Professor (chairperson)
Lars-Göran Stenelo, Ph.D., Professor

Committee 4 (Medicine, Natural Sciences, Technology etc.)

Lars Ahlmark, M.P.
Agne Hansson, M.P.
Ing-Marie Hansson, M.P.
Jan Erik Kihlström, Ph.D., Professor (chairperson)
Bengt Pernow, Ph.D., Professor
Birger Rosqvist, M.P.
Sune Berndt, Ph.D., Professor
Rolf Öhman, Ph.D., Professor

Committee 5 (Humanities)

Lars Furuland, Ph.D., Professor (chairperson)
Margit Sandéhn, M.P.
Sten Carlsson, Ph.D., Professor
Mats Furberg, Ph.D., Professor
Inger Rosengren, Ph.D., Professor

For a number of years, the Foundation has utilized a number of special committees for fields viewed as important but inadequately served. The task of the special committees is to identify the need for research and encourage scientific research and the exchange of information in the respective field.

The committees have consisted of scientists in disciplines of importance to each field and representatives of relevant public interests. The period of office for members has ranged from three to five years. Committee activities can be described as high-level research preparation. That work is concluded when a committee feels that scientists and/or the authorities responsible for the allocation of permanent resources to the respective field have devoted sufficient attention to that field.

Committees for *Taxation Research* and for *Eastern Bloc Research* concluded their work during the year. At the start of the year, there was a committee for *Research on the Riksdag's Operations and Procedures*. Its members were Gunnar Björck, M.P., Bertil Fiskesjö, M.P., Stig Gustafsson, M.P., Olle Göransson, M.P., Olle Svensson, M.P., Jan-Erik Wikström, M.P., Professors Pär-Erik Back, Leif Lewin, Nils Stjernquist (executive member) and Nils-Eric Svensson (chairperson) and Anna-Lena Winberg (committee secretary).

Finances

The Foundation's economic position on December 31 1986 and 1985 is described in tables below.

The item *Bequests* under Liabilities in the BALANCE SHEET consists of two subentries, "Capital" and "Valuation difference, bequest capital." "Capital" consists of securities listed at the book value recorded for them at the time of their transfer to the Foundation (1962, 1974 and 1978). "Valuation difference, bequest capital" constitutes the difference between the face value of the securities portfolio and the previous book value of those securities. This item declined by SEK 226,500 during the year. The result is also listed in the APPROPRIATION ACCOUNT (*Expenses*, Sale and revaluation effects and *Revenue*, brought forward from "Valuation difference, bequest capital.")

The Assets side of the Balance Sheet comprises the Foundation's securities, listed, as before, at their face values. (A footnote also describes the contents and rates on December 31.) This item declined by SEK 42,000 during the year. The decline was largely due to the fact that some of the bonds were drawn and some fell due for redemption (SEK 5,042,000). SEK 5,000,000 were spent on new purchases.

Project Grants

During the year, the Foundation approved 219 research grants totalling SEK 55,4 million (Table 3, p. 12) plus SEK 1,3 million to cover automatic salary increases, travel expenses for ongoing projects and the work of the special committees. The total (SEK 56,7 million) is listed under "Approved grants" in the APPROPRIATION ACCOUNT (*Expenses*). This table also contains an item "Project costs" (SEK 2 million). Most of this sum consisted of administrative fees. These fees are prescribed compensation to agencies administering grants (usually universities and colleges), i.e. 3% of the disbursed grants. So the amount could also be reported as part of approved project grants as most financing agencies do. Other items are directly related to the administration of individual projects.

Administrative expenses (specified below) amounted to SEK 2,8 million.

The sum of the three items "Approved grants", "Project costs" and "Administrative expenses" (SEK 61,4 million) constitute the Foundation's "resource expenditure," i.e. the level of activity for the year. The corresponding expenditure in 1985 was SEK 57,5 million.

A special section (pp. 16–39) describes *new* research projects to which grants were awarded in 1986. Certain statistical information is also provided (pp. 16–39) on the applications considered. The 1984 Annual Report provided brief summaries of all the research projects (listed by subject) hitherto supported by Foundation grants.

Awarded grants are utilized according to special conditions specified in the contract with every grant recipient and according to the rules drawn up by the Foundation for grant recipients and grant administrators. Virtually every grant awarded by the Foundation is administered by some state-run school which then serves as the employer of grant recipients.

26% of the grant funds awarded in 1986 went to new projects (Table 4, p. 13). Only 14% of the new grants sought were ultimately approved. The corresponding figure for the four preceding years was 14%, 10%, 16% and 18%. So the competition for Foundation grants is very intense.

The average size of grants has retained about the same value in real terms over the past five years. The average grant in 1982, SEK 181,000, would be equivalent to SEK 238,000 if incremented to reflect changes in the consumer price index. The average grant in 1986 amounted to SEK 253,000.

Changes in resource capacity

The Foundation's grant capacity is totally dependent on the yield from assets placed at the disposal of the Foundation by decree of the Swedish Riksdag (parliament). The assets consist of a securities portfolio (bonds) managed by the Bank of Sweden. The Foundation's cash assets also generate some interest revenue.

From 1965 to 1974 revenue amounted to about SEK 20 million per annum. From 1975 to 1978 (after an additional Riksdagen appropriation of SEK 100 million in the spring of 1974), annual revenue amounted to about SEK 27 million. From 1979 to 1980 annual revenue amounted to SEK 36 and SEK 41 million respectively. It rose to about SEK 50 million a year in 1981–1983. From 1984 annual revenue has amounted to SEK 60 million. The 1979 increase was due to the increased capitalization (SEK 100 million) voted by Riksdagen in 1978. Subsequent increases were due to the redemption or sale of certain low-yield securities. Securities with a higher yield could then be purchased.

So there has been a nominal increase in revenue in recent years. From 1979 to 1984, the average annual increase was somewhat greater than the general consumer price index in Sweden. However, the Board decided to increment the annual budget, until further notice, only by amounts which kept pace with general price increases, even though research project costs rise more rapidly than changes in the consumer price index suggest. This has made it possible to set aside some research funds for disbursement at a future date. As the BALANCE SHEET and APPROPRIATION ACCOUNT show, SEK 765,000 of this allocation were utilized in 1986. This amount must gradually be increased in future in order to sustain the Foundation's grant awarding capacity of recent years in real terms.

The Foundation's grants to Swedish research have declined in *real* terms since the start of operations. Thus, Foundation capacity in 1965–1967 measured in terms of the value of money in 1986, is equivalent to SEK 84 million. Grant capacity in 1975 is equivalent to SEK 68 million. From 1979, annual grants have amounted to about SEK 60 million.

Project Follow-up

Many of the research projects supported by Foundation funds deal with problems of general social pertinence. The dissemination of research results for discussion and critical scrutiny is therefore important. As a rule, research results cannot be immediately transformed into concrete action. However, research is essential to serious development and reform. So people responsible for development and reform programmes must be kept well-informed about relevant research.

The special committees had numerous contacts with representatives for the various disciplines in their field. The objective of these contacts was to encourage both research and development work in the respective sectors.

The special committee for taxation research asked one research group in Stockholm and one in Lund to summarise existing knowledge in the field. The groups discussed possible reforms and the need for additional research in the taxation field. Their work was published in the books SKATTERNA ETT SAMHÄLLSPROBLEM? (RJ 1986:1) and FINANSTEORETISKA UNDER-SÖKNINGAR (RJ 1986:2).

The material produced this way served e.g. as the basis for discussions in the parliament building between politicians, scientists and tax administrators last January.

At the end of August, the Committee for Taxation Research, in collaboration with the Ministry of Finance, following contacts with Riksdagen's taxation sub-committee, held a seminar on "Taxation Policies in the Future." The emphasis in this seminar was on the experience gained from taxation research, taxation philosophy and tax reforms in other countries, the Scandinavian countries and U.S. in particular. Representatives of the Norwegian and Danish governments attended, in addition to Swedish politicians/decision-makers and scientists.

In 1986, the Committee for Research on Riksdagen's Operations and Procedures started an information series, "Politics and Riksdagen's Work". The objective was to convey knowledge and experience to existing members of parliament through lectures by and about previous members. Two lectures, followed by discussions, were held. The former government minister and member of parliament, Eric Holmqvist, was the initial speaker. His subject was "Experiences, Recollections, Learning." Prof. Olof Ruin described his research on the late Swedish prime minister Tage Erlander.

In accordance with its statutes, the Foundation also has the task of promoting contacts with international research programmes. Thus, a number of scientists were given an opportunity to present their projects and research results at foreign universities or international scientific symposia. There is also a wide-ranging exchange of information with foreign foundations, European research foundations in particular. This kind of information exchange frequently leads to the establishment of invaluable contacts between individual scientists or groups of scientists.

As before, the Foundation's Board of Directors and special committees carried out a number of project visits to different universities and colleges. These visits are one of the best ways of studying the progress and development of a given project. Discussions were also held on the general problems of research and the training of scientists at universities.

The activities described above are part of the Foundation's efforts to disseminate information on the programmes it supports. But they should also be seen as a way for the Board, experts and Foundation staff, by actively monitoring project progress, to keep abreast of research results, points of departure, conditions etc. in projects supported by Foundation grants as the basis for enhanced assessment of measures undertaken with available research funds. Meetings at which members of parliament and scientists can join together for a mutual exchange of information are of particular merit. Thanks to its unique links to Riksdagen, the Foundation can serve as a liaison between politicians and scientists.

The Bank of Sweden's accounting department audits Foundation accounts throughout the year. An external audit was also carried out by representatives of Riksdagen's accounting office. In accordance with its statutes, the Foundation will submit its Annual Report to Riksdagen's accountants.

The following members of the Board participated in deliberations resulting in the adoption of this Report: Prof. Härnqvist, Messrs. Dennis, Gustafsson and Hagberg, Ms. Ing-Marie Hansson, Mr. Ahlmark, Ms. Bjelle, Ms. Hambraeus, Professors Korpi, Lewin and Wikström and the Foundation director, Prof. Svensson.

Kjell Härnqvist

Nils-Eric Svensson

Tables

**Table 1. BALANCE SHEET for the years ending
December 31, 1986 and 1985**

	1986	1985
Assets		
Bonds	680 080 000:—*	680 122 000:—
Chequing account with Bank of Sweden	71 269 715:95	68 875 090:02
Postal giro account	5 899:91	138 564:23
Cash on hand	1 000:—	1 000:—
TOTAL (Swedish crowns)	751 356 615:86	749 136 654:25
Liabilities		
Approved but as yet undisbursed grants	35 953 782:87	32 751 320:99
Taxes withheld	37 552:—	28 334:—
Funds allocated for pension fees etc.	—:—	—:—
Available funds for research grants:		
From previous years	72 441 723:30	67 560 399:20
Undivided surplus	- 765 218:27	4 881 324:10
Bequests:		
Capital	450 000 000:—	450 000 000:—
Valuation difference, bequest capital	193 688 775:96	193 915 275:96
TOTAL (Swedish crowns)	751 356 615:86	749 136 654:25
	Face value	Value on Dec. 31
*Swedish government bonds	309 005 000:—	284 573 850:—
Building society bonds	328 710 000:—	262 190 400:—
Municipal bonds	19 050 000:—	15 817 500:—
Industrial bonds	23 315 000:—	21 146 200:—
TOTAL (Swedish crowns)	680 080 000:—	583 727 950:—

Table 2. APPROPRIATION ACCOUNT

Revenue	1986	1985
Interest on securities	52 949 605:30	54 240 367:50
Other interest received	7 485 019:16	7 952 662:79
Other revenue	86 182:51	66 713:52
Grants not utilised	151 645:31	115 079:93
Brought forward from value difference, bequest capital	226 500:—	—:—
Brought forward from research fund allocations	765 218:27	—:—
TOTAL (Swedish crowns)	61 664 170:55	62 374 823:74
Expenses		
Administrative expenses	2 784 315:85	3 022 006:69
Project costs	1 953 354:70	2 014 492:95
Approved grants	56 700 000:—	52 457 000:—
Sale and revaluation effects	226 500:—	—:—
Funds allocated for research grants	—:—	4 881 324:10
TOTAL (Swedish crowns)	61 664 170:55	62 374 823:74

Table 3. APPLICATIONS FOR AND GRANTS AWARDED IN 1986 (in 1 000 SEK)

Field	Grants awarded		Applications		Grants awarded as a %		
	No.	Amount	No.	Amount	of amount sought	of no. sought	per field
1. Social science	123	33 029	243	79 820	41.3	50.6	59.6
1.1 Economic history	9	1 463	15	3 355	43.6	60.0	2.6
1.2 Business administration	—	—	12	3 380	—	—	—
1.3 Economics	20	6 259	30	13 343	46.9	66.7	11.3
1.4 Cultural geography	7	5 251	15	12 003	43.7	46.7	9.5
1.5 Sociology	22	4 313	43	12 087	35.7	51.2	7.8
1.6 Statistics	—	—	—	—	—	—	—
1.7 Political science	24	6 718	37	10 877	61.8	64.9	12.1
1.8 Research on research	—	—	1	226	—	—	—
1.9 Information processing	—	—	1	105	—	—	—
1.10 Education	8	1 997	17	6 378	31.3	47.1	3.6
1.11 Psychology	28	5 981	57	15 170	39.4	49.1	10.8
1.12 Law/Criminology	5	1 047	14	2 711	38.6	35.7	1.9
1.13 Social anthropology	—	—	1	185	—	—	—
2. Medicine	26	6 693	62	20 860	32.1	41.9	12.1
3. Natural science	18	4 227	57	21 537	19.6	31.6	7.6
4. Technology	4	1 180	16	5 410	21.8	25.0	2.1
5. Humanities	46	10 131	108	27 696	36.6	42.6	18.3
6. Miscellaneous	2	140	4	575	24.3	50.0	0.3
TOTAL	219	55 400	490	155 898	35.5	44.7	100.0

Travel grants, Salary increases and special committees

1 300

Total

56 700

Table 4. GRANTS FOR PROJECT CONTINUATION/NEW GRANTS IN 1986 (in 1 000 SEK)

Type of application	Grants awarded		Applications		Grants awarded as a %		
	No.	Amount	No.	Amount	of amount sought	of no. sought	per field
Grants for project continuation	153	41 107	165	52 382	78.5	92.7	74.2
New grants	66	14 293	325	103 516	13.8	20.3	25.8
TOTAL	219	55 400	490	155 898	35.5	44.7	100.0

Table 5. THE NUMBER OF FINAL AND NON-RECURRENT GRANTS IN 1986 Classified by project duration and field

Duration (years)	Social science	Medicine	Natural science	Technology	Humanities	Miscellaneous	Total	%
—2	6	1	—	—	—	—	7	14.0
2—3	16	—	—	—	2	—	18	36.0
4—5	12	2	—	—	4	—	18	36.0
6—7	2	1	2	—	—	—	5	10.0
8—	1	—	—	—	1	—	2	4.0
TOTAL	37	4	2	—	7	—	50	100.0

**Table 6. GRANTS FROM 1965–1986
(in 1 000 SEK)**

	Applications granted		Amount awarded as a % per field
	Number	Amount	
1. Social science	1 831	336 898	56.2
1.1 Economic history	106	16 863	2.8
1.2 Business administration	121	16 822	2.8
1.3 Economics	219	45 782	7.6
1.4 Cultural geography	166	39 475	6.6
1.5 Sociology/Social anthropology	335	58 268	9.7
1.6 Statistics	54	8 569	1.4
1.7 Political science	311	64 337	10.7
1.8 Research on research	19	1 610	0.4
1.9 Information processing	16	5 783	1.0
1.10 Education/Psychology	407	69 231	11.5
1.11 Law/Criminology	77	10 158	1.7
2. Medicine	310	64 077	10.7
3. Natural science	243	54 448	9.1
4. Technology	33	6 279	1.0
5. Humanities	759	126 089	21.0
6. Miscellaneous	78	12 045	2.0
TOTAL	3 254	599 836¹	100.0

¹ Equivalent to SEK 1.400 million in 1986 prices

Summary of new Project Grants Awarded in 1986

Economic History

Sverker Jonsson, Göteborg
SEK 250 000
Dnr: 86/42

Mass-media and their owners.

The aim of the project is to perform a detailed study of the involvement of two owner-groups, the Bonnier family and the Swedish labour movement, in the media sector in view of changes in the market during the 20th century. The former group has concentrated on economic gain, whereas the latter group has concentrated on influencing opinion.

Ulf Olsson/Martin Fritz, Umeå
SEK 45 000
Dnr: 86/51

Between a World War and Years of Record Growth. Sweden's economic and political relations with the world from 1945–55.

Sweden's trade with Germany terminated in 1945, and Germany did not again become a major trading partner until the Federal German Republic was founded. Sweden was greatly affected by the change in attitude accompanying the introduction of the Marshall Plan and NATO.

Hansson, Ståhl, Söderström, Lund
SEK 310 000
Dnr: 86/82

Finance theory-investigations.

The project comprises investigation in three areas: 1) The public sector's redistributive effect, 2) taxation of capital in an open economy and 3) decision-making processes for public expenditures and taxation.

Villy Bergström, Trade-union Movement's Research Institute, Stockholm
SEK 400 000
Dnr: 86/104

Local Wage-fixing.

The aim of the project is to enhance knowledge about the factors governing local wage-fixing. The study will include case-studies and statistical analyses of centrally collected data.

Bengt-Christer Ysander, Uppsala
SEK 350 000
Dnr: 86/157

The Long-range Effects of the Swedish Taxation and Transfer Systems. An empirical, general equilibrium analysis.

The present project will analyze, within the framework of an empirical, general equilibrium model of the economy, the effects of Swedish taxation and transfer systems.

Lars Werin, Stockholm
SEK 530 000
Dnr: 86/170

The Production of Services and the Structure of Contracts.

This projects plans to study the production of services in three areas, i.e. households, businesses and public agencies in view of the expansion of the service sector.

Jan Ekberg, Växjö
SEK 150 000
Dnr: 86/210

The Occupational Careers of Immigrants.

The project will conduct a follow-up study, via the 1970, 1975, 1980 and 1985 censuses, of a group of people, born abroad and residents of Sweden in 1970, with respect to occupation, socioeconomic status and employment income. The subjects will be compared to Swedish groups.

Assar Lindbeck, Stockholm
SEK 300 000
Dnr: 86/241

The Political Economics of Public Redistribution Measures – A game theory analysis.

The project will employ a game theory approach in attempting to explain the mechanisms of redistribution policies in an effort to enhance understanding of the links between politics and distribution of income.

Gunnar Eliasson, Industrial Institute for Economic and Social Research, Stockholm
SEK 150 000
Dnr: 86/305

Factors Governing Wage Increases in Industry.

The aim of the project is to elucidate factors governing the rate of wage increases for employees of industrial enterprises. It will utilize comprehensive, empirical statistics on wages.

Torsten Hägerstrand, Lund
SEK 500 000
Dnr: 86/46

The Business Committee and the Swedish Biosphere since 1800. A review of existing knowledge.

Project funds will finance a review of existing knowledge about the links between economic activities and changes in the natural environment as a contribution to an international symposium.

Sture Öberg, Uppsala
SEK 350 000
Dnr: 86/75

Growth and Justice in Regional Policies. A model for analysis of e.g. the impact of various political measures on regional policies.

The project intends to develop an analysis model which calculates the aggregate effects of important transfers to individual households in different types of geographic areas.

Ulf Sporrang, Stockholm
SEK 100 000
Dnr: 86/298

The Permanent European Conference for the Study of the Rural Landscape.

The grant will finance the cost of holding the next session of the Permanent European Conference under the auspices of the Department of Cultural Geography, Stockholm University.

Rune Persson, Lund
SEK 75 000
Dnr: 86/21 PL

Social Change Processes.

The aim of the project is to expand knowledge and identify theoretical approaches permitting improved, explicit analyses of social changes.

Pablo Suarez, Uppsala
SEK 265 000
Dnr: 86/79

Female Suffrage and the Homogenization of the Electorate: Chile and Sweden, 1911–1985.

The project intends to study the impact of the introduction of female suffrage on electoral behaviour in Sweden and Chile and attempt to estimate and isolate the effect of franchise expansion on e.g. the electorate's homogeneity and stability.

Walter Korpi, Stockholm
SEK 190 000
Dnr: 86/173

The Welfare State and Economic Crisis. A comparative study from a historical perspective.

The primary objective of the project is to identify the scope and nature of the changes made in welfare policies during the worldwide economic crisis after 1973–74.

Robert Eriksson, Stockholm
SEK 200 000
Dnr: 86/175

Education, Individual Opportunities and Social Stratification.

The general purpose of this project is to describe changes in the distribution of educational opportunities, the need for high education and the educational homogeneity of the upper social stratum.

Ulf Himmelstrand, Uppsala
SEK 150 000
Dnr: 86/203

"Vardag och Samhällsstruktur i Sverige." A book project.

The book "Vardag och Samhällsstruktur i Sverige" is a follow-up of Edmund Dahlström's long out-of-print book "Svensk Samhällsstruktur i sociologisk belysning" (1959).

Torsten Österman, Research Group on Social & Information Studies
SEK 310 000
Dnr: 86/209

Registers of Personal Information and Personal Privacy.

The project has two main purposes: 1) to increase knowledge about the way factual information, the selection of facts etc. affect the stands and attitudes of citizens and 2) how news, assessment principles etc. affect the media's role as a public source of information in controversial issues.

Karl Erik Rosengren, Lund
SEK 80 000
Dnr: 86/230

The Research Group in Communication Sociology.

The project is for a research group in communication sociology whose task will be to employ high-level research in monitoring the radical changes the Swedish media structure is expected to undergo in the coming decade.

Jan M. Hoem, Stockholm
SEK 500 000
Dnr: 86/322

The Family in the Welfare State. A demographic synthesis of women's lives.

The aim of the project is to study the main features in the changes in demographic behaviour which have taken place in the welfare state in the past two decades.

Political science

Olof Ruin, Stockholm
SEK 300 000
Dnr: 86/154

The Swedish Government's Development over 150 Years – Collective, fragmented and individual leadership.

This project consists of three sub-projects dealing with e.g. changes in governmental organization and procedures after the 1840 reform, the special circumstances of the coalition government and the role and development of the prime minister's office.

Lennart Lundquist, Lund
SEK 80 000
Dnr: 86/158

The Ethics of Bureaucracy.

The aim of the project will be to design instruments for empirical and normative analysis of ethics in bureaucracy, apply these instruments to material shedding light on bureaucratic ethics and (re)construction of Swedish bureaucratic ethics etc. related to democratic doctrines.

Lars Wessman, Labour Movement Archives
SEK 225 000
Dnr: 86/159

The Social-Democratic Labour Party and Swedish Social Developments over 100 Years.

The project will study selected aspects of the Social-Democratic Party's role in Swedish social developments in the past century. 12 scientists will each contribute a paper (30–35 printed pages each).

Lennart J. Lundqvist, Uppsala
SEK 81 000
Dnr: 86/226

Privatization of the Welfare State. A comparative study of housing patterns.

The aim of the project is to define the concept "privatization" in detail and utilize the results in a comparative analysis of the degree of privatization in a given public sector in the U.S., Netherlands, Great Britain and Sweden.

Erik Åsard, Uppsala
SEK 240 000
Dnr: 86/277

Politics and Rhetoric.

This research project will attempt to describe the rhetorical system(s) employed by Swedish politicians of today.

Education

Carin Holmlund, Stockholm
SEK 250 000
Dnr: 86/304

Social and Communicative Development in Infants.

The aim of the project is to describe the main factors affecting the communicative development of children during their first year of life.

Psychology

Gudmund Smith, Lund
SEK 52 000
Dnr: 86/20 PL

Psychosomatic Symptoms and Cultural Background. A multicultural, experimental study.

The aim is to employ a partially new approach in addressing the causes of psychosomatic disorders. Two main factors will be studied, i.e. socio-cultural environment and basic, individual psychological characteristics.

Anders Löfqvist, Lund
SEK 160 000
Dnr: 86/73

A Neurolinguistic Examination of Children with Severe Linguistic Derangement.

The aim of the project is to identify sub-groups in the relatively undifferentiated group of children with severe linguistic derangement. A neurolinguistic/neuropsychological model, relating linguistic behaviour to brain function, will be employed.

Torbjörn U.C. Järbe, Uppsala
SEK 200 000
Dnr: 86/76

Subjective and Objective Characteristics of Alcohol Intake on Animals and Man.

The project comprises a refinement of a method for estimating the subjective effects of alcohol on Man and animals.

Stig Berg, Göteborg
SEK 125 000
Dnr: 86/84

Psychological Function in Ageing. A longitudinal study of people from 70 to 85 years of age.

This project will describe psychological developments in Man after the age of 70 and relate findings to disease, social circumstances etc. with the emphasis on intelligence, memory, subjective quality of life and adaptation.

Knut Larsson, Göteborg
SEK 300 000
Dnr: 86/93

The CNS Regulation of Sexual Behaviour. A key to knowledge of the brain's monoamines in normal and deranged function.

This experiment with animals will examine the function of certain signal substances in the brain and spinal cord in sexual behaviour. We hope to expand knowledge about the effect of teratogenic factors on sexual differentiation and sexual disturbances during treatment with neuropharmacological agents.

Carl-Otto Jonsson, Stockholm
SEK 150 000
Dnr: 86/95

Assessment of Psychological Development.

The aim of the project is complete the testing of a method devised by the Department of Psychology, Stockholm University, for rating psychological development and procure comparative data for "ordinary" children up to the age of 3 1/2.

Kristina Humble/Björn-Erik Roos, Uppsala
SEK 300 000
Dnr: 86/161

The Importance of Ego Function and Other Factors to the Course and Prognosis in Anorexia Nervosa/Bulimia.

The project will study the role of ego function, symptoms, life crises and social support factors to the prognosis in Anorexia nervosa/bulimia.

Lennart Nordenfelt, Linköping
SEK 100 000
Dnr: 86/189

On Disease Concepts in Psychiatry. An analysis and evaluation of an interdisciplinary discussion of ideas.

The objective of this project is elucidate the relationship between concepts such as "derangement," "mental disease" and "social deviation." The project will also attempt to shed light on aspects of the international psychiatric debate which have influenced discussions in Sweden and the aspects which have been ignored.

Patricia Frithiof, Royal Caroline Institute, Stockholm
SEK 125 000
Dnr: 86/243 PL

The Mental Health of Women. The evolution of theory and methods in psychotherapeutic and medical contexts.

The aim of the project is to revitalize and develop psychological theories on women's identification development. The project will also conduct practical tests of the applicability of the new theories on female psychology to the psychotherapeutic field and related fields in psychiatry and gynaecology.

Law

Lennart Åqvist, Uppsala
SEK 210 000
Dnr: 86/183

Basic Litigatory Concepts from the Point of View of Linguistic Philosophy and General Linguistics.

The aim of this study is to refine scientific analysis of certain basic litigatory concepts such as "petition," "plea," "issue" etc. by applying the tree model, introduced by L. Åqvist, to material on judicial procedures.

Medicine

David H. Ingvar, Lund
SEK 330 000
Dnr: 85/266

The Importance of the Frontal Lobes to Normal and Pathological Prospective Thinking. A neurophysiological and neuropsychological study of the temporal (serial) organization of cognition, prospective aspects in particular, in damage to frontal lobes.

The project will measure cognitive defects in patients with frontal lobe damage. This work is expected to be of major importance to cognitive psychology and neuropsychiatry.

Olav Meirik, Uppsala
SEK 75 000
Dnr: 86/77 PL

Smoking During Pregnancy and Its Impact on the Health of Foetuses and Neonates.

This project will comprise a prospective study of all the pregnant women at maternity clinics in Uppsala county in 1987. Information will be gathered on family smoking habits, social background, education, occupation and smoking habits in the 12th, 24th and 36th weeks of pregnancy.

Nils Conradi, Göteborg
SEK 95 000
Dnr: 86/80

Nerve Cell Connections in Exposure to Alcohol. Experimental studies of reward systems and alcohol damage to foetuses.

The project will conduct experimental studies into two of the most important aspects of alcoholism in Man, i.e. reward systems and alcohol damage to foetuses.

Magnhild Sandberg Wollheim, Lund
SEK 278 000
Dnr: 86/99

Is Multiple Sclerosis Caused by a Virus?

The aim of the project is to search for a human retrovirus or viral nucleic acid in lymphocytes from cerebrospinal fluid (CSF) and blood from patients with multiple sclerosis (MS), study antibodies against a retrovirus (HTLV 1) in CSF and blood from MS patients and analyze cell populations governing the immune response.

Nils Bejerot, Royal Caroline Institute, Stockholm
SEK 247 000
Dnr: 86/121

A Social Medicine Study of 2 125 Female Intravenous Drug Addicts Diagnosed in Puncture Mark Screening at the Central Jail in Stockholm from 1965–1984.

The aim of the project is to examine a well-defined target group of great importance to the AIDS problem, i.e. 2 125 women arrested by the Stockholm police from 1965 to 1984 and diagnosed as intravenous drug addicts.

Bengt Falck, Lund
SEK 160 000
Dnr: 86/145

Reactive Mechanisms in the Langerhans' Cell System of the Epidermis, Especially in Contact Dermatitis.

In this project, normal human epidermis and epidermis afflicted by various disorders, such as contact dermatitis, were examined using new or modified fluorescence and electron microscopic methods developed by this research team.

Ulf J. Eriksson, Uppsala
SEK 161 000
Dnr: 86/185

Experimental Study of the Transport of Nutrients Between Mother and Foetus in Diabetic Pregnancy.

The project will conduct an analysis of the extent to which disruptions in the transport of nutrients to the embryo/foetus of diabetic mothers has an impact on the prevalence of abnormal foetal development.

Anders Björklund, Lund
SEK 320 000
Dnr: 86/238

Experimental and Clinical Experiments for the Development of Transplantation Therapies in Parkinson's Disease and Epilepsy.

The project will conduct a limited number of experiments involving the transplantation of dopamine-secreting nerve cells from foetuses to the brains of patients with severe Parkinsonism and tests of a clinically useful transplantation method for patients with severe epilepsy.

Lars Svennerholm, Göteborg
SEK 380 000
Dnr: 86/326

Studies of Biochemical Changes in the Brains of Patients with Senile Dementia and Experiments to Treat This Condition.

The goal of the project is increase knowledge about biochemical changes in the brain, identify optimum conditions for early diagnosis and, by means of drugs and mental stimulation, halt progression/reverse changes occurring in senile dementia.

Natural Science

Kálman Vánky, Gagnef
SEK 215 000
Dnr: 86/27

Ustilaginales of Europe.

The aim of the project is to produce a monography containing identification keys for each genus (26) and species (about 350), descriptions of Ustilaginales, descriptions of diseases afflicting each species and a great deal of other information.

Nordic Museum, Stockholm
SEK 200 000
Dnr: 86/43

Corrosion and Corrosion Protection of Iron Objects of Ethnological Interest.

The project will attempt to draw up guidelines, in collaboration with experts in the humanities and natural science, for the conservation of items of ethnological interest.

Tommy Radesäter, Stockholm
SEK 192 000
Dnr: 86/146

Theoretical Studies of Evolutionary Processes. Initiation of theoretical research in evolutionary biology in Sweden.

The main objective of the project is to introduce mathematical and theoretical competence to Swedish research in evolutionary biology and ethology. This will be accomplished through the collaboration of scientists with backgrounds in applied mathematics and scientists with a background in biology.

Staffan Kjelleberg, Göteborg
SEK 200 000
Dnr: 86/223

Mechanistic Studies of the Colonization of Higher Organisms on Bacterial Films in Marine Environments.

The present project comprises a model system in which surfaces coated with various, natural bacterial films are exposed to free-swimming larvae, thereby isolating bacterial cultures promoting adhesion.

Lennart Jönsson, Lund
SEK 80 000
Dnr: 86/225

Telemetric Analysis of Processes in Coastal Waters.

The aim of the project is to study the feasibility of utilizing telemetric analysis (primarily satellite data) for examination and increased understanding of various processes in coastal waters.

Lars Ehrenberg, Stockholm
SEK 350 000
Dnr: 86/313

Biological and Mathematic/Statistical Studies of the Health Hazards Presented by Environmental Factors in Low Doses.

The project aims to elucidate the links between dose and the risk of adverse reactions, genotoxic effects in particular, as presented by radiation and chemical substances at the low levels usually found in the environment.

Technology

**Torbjörn Westermark, Royal Institute of Technology,
Stockholm
SEK 300 000
Dnr: 86/296**

Aspects of Scania's Cultivation History By Analysis of Elements in Recent and Fossil Mollusk Shells, Their Annual Rings in Particular. History of phosphate fertilization and technology.

The project will use a new method in elucidating Scania's cultivation history and obtaining information by analysis of the elements contained in recent and fossil mollusk shells.

Humanities

**Kekke Stadin, Uppsala
SEK 200 000
Dnr: 86/14**

Workers and Capital Owners in the Society's Transformation.

The objective of the product was to study the growth of the working class and capitalist class in Sweden from 1750 to 1850.

**Ingemar Algulin, Stockholm
SEK 200 000
Dnr:86/30**

The Modern Swedish Novel – its depiction methods and historic development.

This project will study the novel's development after the 19th Century's realism, includes changes in genre, the effect of cinematic story-telling methods and shifts towards the expressivity of poetry.

**Marja Taussi Sjöberg, Umeå
SEK 230 000
Dnr: 86/56**

The County Court as a Social Arena.

The project will describe everyday life, human relationships, survival strategies and plans for life, and employ the county court as social arena. The project will also attempt to describe the ability of people to manipulate "power" and sidestep legal restrictions.

Tore Frängsmyr, Uppsala
SEK 150 000
Dnr: 86/100

Sweden in the World – a project on the internationalization of science.

The aim of the project is to study the internationalization of science in two respects, i.e. the role of Swedish science in international research in different historical periods and the conditions for international scientific collaboration.

Ulrika Nettelblatt, Lund
SEK 45 000
Dnr: 86/105 PL

The Verbal Interaction of Pre-school Children Suffering from Language Derangement (SFIVS).

The project comprises preparations for a subsequent, more comprehensive project whose objective will be to devise a detailed, theoretical method for analysis of the speech of pre-school children, afflicted by speech derangement, in various communicative situations.

Björn Lindblom, Stockholm
SEK 200 000
Dnr: 86/109

Pronunciation Transformer. An acoustic database and computational, phonetic and phonological rules for Swedish.

This project will test a new method for the collection and analysis of natural speech. An attempt will be made to present a phonological, acoustic and phonetic description of variations in the pronunciation of individual speakers.

Gunnel Källgren, Stockholm
SEK 290 000
Dnr: 86/113

Development of Dictionaries for Computerized Text Analysis.

The aim of the project is to determine how a dictionary should be designed for use in computerized text analysis.

Östen Dahl, Stockholm
SEK 170 000
Dnr: 86/116

Reference Hierarchies and the Structure of Text Contents.

The project's main objective is to contribute to the development of models for the language comprehension process, especially models which can be implemented in a computer.

Anders Cullhed, Stockholm
SEK 170 000
Dnr: 86/174

The Rate and Hallmarks of Time. Study of Francisco de Quevedo's poetry against the background of the way the literary baroque era viewed time and history.

The project wishes to contribute to elucidation of the baroque era's unusual perception of time and history by means of a detailed study of the Spanish poet Francisco de Quevedo (1580–1645).

Göran Sonesson, Lund
SEK 200 000
Dnr: 86/265

Picture Meanings in the Information Society. The comparative semiotics of picture types and picture media.

The project will conduct a comparative study of the structural principles for different kinds of pictures (paintings, drawings, photos etc.), i.e. principles which explain the inherent properties of pictures as well as principles arising from the use of those properties in different picture media.

John Rogers, Uppsala
SEK 115 000
Dnr: 86/286

The Gateway of Death. The role of Swedish port cities in the spread and control of epidemic diseases in an international perspective.

As part of joint research project conducted by English and Swedish scientists, the role of Swedish port cities in the spread of epidemic diseases between cities in northern Europe will be studied.

Arne B. Johansen, Göteborg
SEK 200 000
Dnr: 86/323

Björnsjöås. Method study of landscape relics in the interior of Göteborg.

The aim of the project is to develop archeological research into rural life in late historical periods in order to obtain greater knowledge about rural population units.

Harald Runblom, Uppsala
SEK 437 000
Dnr: 86/327

Ethnic Relations in American Cities.

The project encompasses studies of Swedish immigrants' encounters with other immigrants and their cultures. Residential patterns, entry into the labour market, political involvement, trade union activities and social, cultural and religious values will also be elucidated.

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