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The Bank of Sweden Tercentenary Foundation

Riksbankens Jubileumsfond

1983



To the Swedish Riksdag

The Board of Directors of the Bank of Sweden Tercentenary Foundation submits herewith the following report on its activities and administration in 1983.

On 31st December 1983 the Board of Directors was composed of the following members and deputy members:

Professor Staffan Helmfrid (chairman)

Deputy: Professor Inge Jonsson

Bengt Dennis, Governor of the Bank of Sweden (vice-chairman)

Deputy: Thomas Franzén, Ph.D.

Stig Gustafsson, M.P.

Deputy: Birger Rosqvist, M.P.

Helge Hagberg, M.P.

Deputy: Margit Sandéhn, M.P.

Lars Ingvar Sörenson, M.P.

Deputy: Margot Wallström, M.P.

Lars Ahlmark, M.P.

Deputy: Birger Hagård, M.P.

Gunnar Biörck, M.P.

Deputy: Hugo Hegeland, M.P.

Einar Larsson, M.P.

Deputy: Ulla Ekelund, M.P.

Professor Leif Lewin

Deputy: Professor Ulf Olsson

Professor David Magnusson

Deputy: Professor David H. Ingvar

Professor Solveig Wikström

Deputy: Professor Jan Erik Kihlström

Nils-Eric Svensson, Ph.D., was the director of the Foundation and head of its staff in 1983.

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 not adequately 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 activities are promoted.

The guidelines drawn up prior to the Riksdagen's adoption of the Foundation statutes prescribed that the activities of 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 call for considerable flexibility in Foundation programmes. In principle, no field of research is to be excluded from the possibility of receiving a Foundation grant.

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

Procedure

The Board of Directors had four formal meetings during the year. In most cases, 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. At the end of 1983, the five committees appointed by the Board were composed of the following members:

Committee 1 (economics, geography etc.)

Gunnar Biörck, M.P. (Conservative)
Thomas Franzén, Ph.D.
Helge Hagberg, M.P. (Social-Democrat)
Ulf Olsson, Ph.D., Professor
Solveig Wikström, Ph.D., Professor
Villy Bergström, Ph.D., Asst. Professor
Erik Bylund, Ph.D., Professor

Committee 2 (behavioural sciences etc.)

David Magnusson, Ph.D., Professor
Margot Wallström, M.P. (Social-Democrat)
Kjell Härnqvist, Ph.D., Professor
Karl Gustav Jöreskog, Ph.D., Professor
Karl Erik Rosengren, Ph.D., Professor

Committee 3 (political science etc.)

Stig Gustafsson, M.P. (Social-Democrat)
Einar Larsson, M.P. (Centre)
Hugo Hegeland, M.P. (Conservative)
Leif Lewin, Ph.D., Professor
Gunnel Gustafsson, Ph.D., Asst. Professor

Committee 4 (medicine, natural sciences, technology etc.)

Lars Ahlmark, M.P. (Conservative)
Ulla Ekelund, M.P. (Centre)
David H. Ingvar, M.D., Professor
Jan Erik Kihlström, Ph.D., Professor
Birger Rosqvist, M.P. (Social-Democrat)
Lars-Ingvar Sörenson, M.P. (Social-Democrat)
Sune Berndt, Ph.D., Professor
Marianne Frankenhaeuser, Ph.D., Professor
Rolf Öhman, Ph.D., Professor

Committee 5 (humanities)

Birger Hagård, M.P. (Conservative)
Staffan Helmfrid, Ph.D., Professor
Inge Jonsson, Ph.D., Professor
Margit Sandéhn, M.P. (Social-Democrat)
Sten Carlsson, Ph.D., Professor
Inger Rosengren, Ph.D., Professor

The Foundations also had three special committees. Their task was to identify research in neglected but high-priority fields. These special committees and their members were as follows:

1. Committee on taxation research

Lars Bertmar, Asst. Professor
Gunnar Biörck, M.D., Professor
Gunnar Du Rietz, Ph.D.
Axel Hadenius, Ph.D., Acting Professor
Per-Olof Edin, Adviser, Ministry of Finance
Lars Johanson, Head of Division, Stockholm County Administration
Gustaf Lindencrona, Ph.D., Professor
Alf Lindqvist, Ph.D. (research secretary)
Sven-Olof Lodin, Ph.D., Professor
Karl-Erik Wärneryd, Ph.D., Professor
Carl Johan Åberg, Ph.D., Under Secretary of State (Foreign Trade)

2. Research on the Riksdagen's operations and procedures

Gunnar Biörck, M.P.
Stig Gustafsson, M.P.
Pär-Erik Back, Ph.D., Professor
Leif Lewin, Ph.D., Professor
Nils Stjernquist, Ph.D., Professor (executive member)

3. Committee for eastern bloc research

Jan Bergqvist, M.P.
Carl Bildt, M.P.
Sture Ericson, M.P.
Birger Rosqvist, M.P.
Bo Gustafsson, Ph.D., Professor
Daniel Tarschys, Ph.D., Professor
Lars-Göran Engfeldt, Chief engineer
Claes Arvidsson, Research assistant (secretary)

The special committees were all chaired by the Foundation's Director.

Foundation Staff

Nils-Eric Svensson, Ph.D., Director
Anita Asplund, Office Assistant
Nina Lindgren, Committees 3 and 5
Inger Nyhlén, Committee 4
Inga-Lill Stenbeck-Ottoson, Administration, finance
Kerstin Stigmark, Committees 1 and 2

Finances

The Foundation's economic position on 31st December 1983 and 1982 is described in tables below. A few minor changes, compared to the tables from previous years, should be noted.

The item *Bequests* under Liabilities in the BALANCE SHEET consists of two sub-items; "Capital" and "Valuation difference, bequest capital". "Capital" consists of securities listed at the book values 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 510 000 Swedish crowns during the year.

The decline corresponds to the cost incurred when low-yield securities were replaced with high-yield securities. Low-yield securities are then often sold at prices less than the face value. Transactions of this kind are carried out to increase the yield of a securities portfolio. From 1983 on, the result will also be 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 the face values. (A footnote also describes the contents and rate on 31st December.) This item declined by 370 000 Swedish crowns during the year. This decline was mainly due to the fact that some of the bonds were drawn, i.e. fell due for redemption.

The described changes in the Foundation's annual accounts were made after consulting the accounting department of the Bank of Sweden and the Accounting Office of the Riksdagen. The Board of Directors hopes that the accounts will be easier to follow than has been the case in previous years and give a clearer picture of the Foundation's economic position for the year.

Project grants

In 1983, the Foundation approved 229 research grants totalling 47.1 million Swedish crowns (Table 3, p. 24) plus 1 million Swedish crowns to cover automatic salary increases, travel expenses for ongoing projects and the work of the special committees. Other project costs amounted to 1.5 million Swedish crowns. Administrative costs (specified below) amounted to 2 million Swedish crowns.

A special section (p. 7-22) describes *new* research projects to which grants were awarded in 1983. Certain statistical information is also supplied (p. 24-25) on the applications considered. The 1979 Annual Report contained summaries of all the research projects, listed by subject, supported by Foundation grants up to that year.

Awarded grants are utilised 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 the staff being paid with grant funds. The administration fee (1 million Swedish crowns) paid to schools in 1983 is listed in specifications for project costs (b 2).

28 % of the grant funds awarded in 1983 went to new projects. The corresponding percentages for the three preceding years were 33 %, 27 % and 22 % respectively.

The average of grants declined considerably in real terms. The average grant in 1979, 165 000 Swedish crowns, would have been equivalent to 248 000 Swedish crowns in 1983 if increased to reflect changes in the consumer price index. The average size of grants in 1983 was 206 000 Swedish crowns.

Assets

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 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 1968 to 1974, revenue amounted to 20 million Swedish crowns per annum. From 1975 to 1978, annual revenue rose to 27 million Swedish crowns, following an additional Riksdag appropriation of 100 million Swedish crowns in the spring of 1974. In 1979 and 1980 annual revenue amounted to 36 and 41 million Swedish crowns respectively. It rose to more than 50 million Swedish crowns a year from 1981. The 1979 increase was due to the increased capitalization (100 million Swedish crowns) granted by the 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. Revenue increases of the latter kind are expected to be completely marginal in the next few years.

So there has been a *nominal* increase in the magnitude of Foundation grants in recent years. The increase was clearly less than changes in indices for general price trends in Sweden. However, research project costs have risen much more than

changes in the consumer price index suggest. Thus, it has not been possible to sustain the Foundation's award capacity in *real* terms. (If 1968 were used as the base year, the decline in award capacity would be found to be very considerable.)

The 1981 Annual Report provided a detailed account of Board deliberations on the Foundation's future role and finances. A study, carried out at the request of the Board of Governors of the Bank of Sweden for the purpose of creating a method "for better long-range allocation of Foundation award funds," was also described. One point of departure for the study and the Foundation's activities right from the start is the importance of the Foundation to Swedish research. Its "unique position as an interdisciplinary body and its unique links to the Riksdagen are unparalleled". So measures "to sustain its award capacity in years to come are essential". The Riksdagen, as reflected by a number of bills in recent years, shares the same view. The Board of Directors feels that the Foundation's importance to the generation of new knowledge in Sweden has increased even further.

To preserve the Foundation's present grant capacity in real terms, the Foundation will have to begin utilizing its grant reserves (listed in the BALANCE SHEET under Liabilities) in 1984. According to the assessments which can be made at this point, these reserves will be consumed in 4-5 years. A drastic decline in award capacity will then ensue if annual revenue is the only source of replenishment. The Board of Directors is anxious to emphasize the need for a decision method which will guarantee long-term preservation of the Foundation's present award capacity.

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. That is why e.g. a number of meetings were held during the year at which certain projects were presented and discussed.

In February, the special committee for taxation research held a conference with participants from the Riksdagen, the Cabinet Office, the media, taxation authorities, trade unions, the business community etc. The objective of the conference was to discuss the options open to research and the importance of planning to the future design of the tax system. Written contributions and accounts of the discussions were subsequently published in the Foundation's publication series (RJ 1983:2) under the title HUR KLARAR VI 1990? (Eng. = How are we going to cope with 1990?)

In March, a meeting was held in the Riksdagen building on the theme ALKOHOL-POLITIKEN OCH FORSKNINGEN (Eng. = Alcohol policy and research). The special committee on research into health and social problems (now dissolved) sponsored this meeting. Members of the Riksdagen's social and tax sub-committees and representatives of the Cabinet Office, pertinent authorities and organizations participated. The symposium reports RISKEN ATT BLI ALKOHOLIST (Eng. = The risk of becoming an alcoholic) (RJ 1982:1) and ATT FÖRÄNDRA LEVNADSSÄTT (Eng. = Changing your life style) (RJ:1982:3), in addition to introductory remarks made by representatives of the five parliamentary parties, served as the basis for discussions. The alcohol policy programmes of the parties since 1974 and assessments of these programmes made by seven scientists also served as background material. A detailed report on this meeting will be published in the spring of 1984.

In September, the Foundation, in collaboration with the Swedish Council for Research in the Humanities and Social Sciences (HSFR) and the Industrial Council for Social and Economic Studies (SNS), held a symposium called VADAN OCH VARTHÄN? (Eng. = Where do we go from here?) and dealing with Sweden and Sweden's future. Politicians, social critics, trade union representatives and scientists participated. Seminars were held on three themes, viz. FAMILJEN (Eng. = The family), UTVECKLING AV SAMHÄLLSFÖRSTÅELSE (Eng. = Evolution of social awareness) and SAMHÄLLSORGANISATION (Eng. = Society's organization). A report from the symposium is due for publication in the spring of 1984. In conjunction with publication, a discussion will be held between e.g. members of parliament and scientists for the purpose of identifying politically feasible approaches in the ideas contained in the report.

In accordance with its statutes, the Foundation also has the task of promoting contacts with international research programmes. Thus, special travel grants were awarded to enable a number of scientists to present projects and research results at foreign universities or at scientific symposia. There is also a wide-ranging exchange of information with foreign foundations, especially in Europe, with programmes similar to the Tercentenary Foundation's. 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/or committees have carried out a number of project visits to various universities and colleges. Detailed discussions were held on project objectives and design. Discussions were also held on the general research problems at universities etc.

The special committees had numerous contacts with representatives for the various disciplines in their field. The object of these contacts was to encourage research and development work in the respective fields. Two reports were published during the year, *WOMEN AND MEN IN SWEDISH SOCIETY*, a Research Project supported by the bank of Sweden Tercentenary Foundation (RJ 1983:1) and *HUR KLARAR VI 1990? Rapport från en konferens om skatter.* (Eng. = How are we going to cope with 1990? Report from a conference on taxes, (RJ 1983:2.)

The activities described above are steps in the Foundation's dissemination of information on programmes it supports. But they should also be seen as a way for the Board, experts and Foundation staff to keep up-to-date on research results, points of departure, conditions etc. in projects supported by Foundation grants as the basis for improved assessment of measures undertaken with available research funds. Meetings at which members of parliament and scientists can get together for a mutual exchange of information are of particular merit. Thanks to its unique links to the Riksdagen, the Foundation can serve as a contact between politicians and scientists.

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

Staffan Helmfrid

*Bengt Dennis
Stig Gustafsson
Helge Hagberg
Lars-Ingvar Sörenson
Lars Ahlmark*

Nils-Eric Svensson

*Gunnar Biörck
Einar Larsson
Leif Lewin
David Magnusson
Solveig Wikström*

Summary of New Projects Grants Awarded in 1983

Economic History

Olle Krantz/Lennart Schön, Lund
Sw Cr 270.000
Dnr: 83/144

Crisis and Transformation in the Swedish Economy in the 19th and 20th Centuries

The long-term forces behind the economic transformation process will be studied with a special view to structural crises during the 19th and 20th centuries. The relative sluggishness of the economy or its revitalization capacity in the 19th and 20th centuries when components of the economy and institutional aspects differed, will be central features of the study.

Enrique Rodriguez, Uppsala
Sw Cr 86.000
Dnr: 83/174

The Tax System and Economic Stagnation

The object of the study will be to examine changes in the total tax burden since 1965 in relation to other economic factors and the most important causes of those changes.

Business Administration

Lars Hultkrantz, Östersund
Sw Cr 120.000
Dnr:83/25

Seasonal Work in the Interior of Northern Sweden

Utilization of the energy in forest and peat, forestry care etc. should create a large number of new jobs in the interior of northern Sweden during the snowless part of the year. The seasonal nature of this employment will cause a number of problems important to government policies for thinly populated communities, the labour market, energy and forestry. However, information on these subjects is limited. The present project will attempt to shed light on these problems.

Economics

Sven-Erik Sjöstrand, Stockholm
Sw Cr 172.000
Dnr: 83/64

The careers of female B. Econ.'s and B.Sc. (Eng.)'s

The object of the study is to chart career developments for females with baccalaureate degrees in economics and engineering and to identify the factors contributing to that development since women are statistically under-represented in Swedish managerial positions.

Lars Söderström, Lund
Sw Cr 292.000
Dnr: 83/173

Taxation of Capital in Sweden

The taxation of capital in Sweden comprises a combination of different taxes which probably have a major influence on the choice of investment alternatives and saving. The project will describe the present taxation of capital, identify the distribution of the tax burden, design a simplified system for taxation of capital and analyze the effect of such a system.

Assar Lindbeck, Stockholm
Sw Cr 150.000
Dnr: 83/197

Intertemporal Aspects of Deficits in the National Budget, Trade Balance and Social Insurance System

The object of the project is to analyze the temporal and inter-generation impact of deficits in the national budget, trade balance and social insurance system on the distribution of income and consumption.

Ingemar Hansson, Lund
Sw Cr 300.000
Dnr: 83/200

Tax Research

The planned research will deal with central economic and scientific problems concerning budget deficits, the "black" sector of the economy, taxation of capital and distribution taxation.

Cultural Geography

Gunnar Törnqvist, Lund
Sw Cr 210.000
Dnr: 83/50

Information Technology, Company Organization and Regional Employment Patterns

The project will examine the way in which new information technology and other circumstances affect company organization and regional employment patterns in three business sectors: banking, insurance and oil. The project is being coordinated with corresponding British research at University College, London.

Reinhold Castensson, Linköping
Sw Cr 340.000
Dnr: 83/56

Water and Regional Development. Who and what factors govern the Distribution of water in the catchment basin of Motala River?

Developments in recent years have often led to irreconcilable demands, conflicts of interest and disputes regarding the distribution of water resources. Water plays a crucial role in regional development. The project will study the problems from 1800 to 2000.

Sociology/Social Anthropology

Jan Sollenius, Stockholm
Sw Cr 70.000
Dnr: 83/2

In the Footsteps of Sweden. A comparative analysis of the development of relevant characteristics of the social systems in Sweden and Hungary

The main themes of the planned empirical comparison of the social systems in Sweden and Hungary will be occupational stratification, the distribution of education, income and wealth, social policy, the welfare system and standard of living indicators.

Kjell Törnblom, Göteborg
Sw Cr 50.000
Dnr: 83/20 PL

Justice for the Elderly. Assessments of living conditions

The project will investigate the problems of ageing from the point of view of justice and resource allocation. Intercultural studies will illuminate the problems as a complement to extensive analyses of the elderly in Sweden and comprise explorative, descriptive and hypothesis-testing phases.

Sven Windahl, Lund
Sw Cr 30.000
Dnr: 83/63

Young People in the New Media World

The project will conduct an in-depth analysis of the role played by the new media, video films and video games, in conjunction with pop music and TV in the everyday life of different groups of young people.

Jerzy Sarnecki, Stockholm
Sw Cr 240.000
Dnr: 83/66

Juvenile Offenders as Adults

The study will serve as a follow-up of material in a 1956 study of juvenile offenders. The object of the study is to shed light on the way in which crimes committed by 11–15-year old boys affected the development of these boys into adults and to describe the present circumstances of these subjects in early middle age.

Ulf Himmelstrand, Uppsala
Sw Cr 75.000
Dnr: 83/101

Paradigm Breakthroughs and Inter-disciplinary Aspects of Social Sciences. A two-book project

The object of the study is to utilize the paradigm breakthroughs which occurred in the social sciences in the 1970's in order to increase inter-disciplinary aspects. In a second stage of the project an attempt will be made to create an interdisciplinary – or multidisciplinary – conceptual framework. A third stage will pose a number of questions, dealing with science theory and methodological issues, to Swedish and international sociologists with different specialities.

Lowe Hedman, Uppsala
Sw Cr 325.000
Dnr: 83/123

Cable TV on the March. Studies of a new medium

The project will study the introduction of a cable network for radio and TV. Various sub-projects will consider various aspects of this event, including its impact on the existing media and costs.

Per Linell/Karin Aronsson, Linköping
Sw Cr 230.000
Dnr: 83/137

Success and Adversity in Dialogues. The ability to exchange complex information in social interplay

The project will examine conversation patterns in various situations in everyday life (negotiations, decision-making, counselling and interviews). Linguistic exchanges in the course of conversational interaction will be analyzed.

Johan Asplund, Lund
Sw Cr 208.000
Dnr: 83/152

Elementary Forms in Social Behaviour. A theory on sociality and responsiveness

The object of the project is to frame a simple, general social and psychological theory capable of encompassing a large part of existing social psychology. Fundamental concepts in the theory are "sociality" and "responsiveness".

Tom Burns, Uppsala
Sw Cr 275.000
Dnr: 83/178

Wage negotiations in Sweden. Some of the problems incurred by wage drift and solidarity in wage policies as viewed from a structural and process point of view

This project will examine and analyze certain aspects of the structure of and key processes in the Swedish wage negotiation system. The project will also compare wage negotiation systems in other European countries.

Bo Lewin
Sw Cr 300.000
Dnr: 83/203

Disability and Sexuality

The study will attempt to shed light on the way in which functional disability interacts with social factors to create sexual handicaps affecting the individual's perception of her/his own sexuality and relations with other people.

Statistics

Richard Noonan, Stockholm
Sw Cr 66.000
Dnr: 82/148

The Development of Statistical Models for the Analysis of Social Systems Data

The project aims at developing a Partial Least Squares method and program for the analysis of models with product terms in the latent variables. No work has yet been done on this kind of model, but such models are the only ones that make any theoretical sense for many applications.

Jan Hoem, Stockholm
Sw Cr 75.000
Dnr: 83/170

Women's Life Phases. A study of the education, employment and child-bearing of Swedish women born from 1936-60

The main object of the project is to shed light on the extent to which the increased appearance of women on the labour market has contributed to the decline in the Swedish birth rate in the past 15-20 years.

Political science

Peter Wallensteen, Uppsala
Sw Cr 200.000
Dnr: 82/4

Armed Conflicts and Peaceful Resolution of Conflicts

The aim of the project, utilizing the systematic collection of data, is to elucidate the models actually employed in the peaceful solution of armed conflicts and to evaluate the conditions which must be satisfied in attaining lasting agreements.

Göran Hedebro, Stockholm
Sw Cr 50.000
Dnr: 83/61 PL

Youths and Work in Massmedia. A study of media contents, circumstances and effects

The object of the project is to describe and analyze the way in which the press covers issues dealing with young people and the labour market. The effects of this coverage on young people's perception of their employment prospects and role in the production process will also be examined.

Nils Elvander, Stockholm
Sw Cr 80.000
Dnr 83/155

The organization of Society and Business Revitalization

The project will attempt to identify the changes in the organization of society which may be needed in order to create better conditions for business revitalization and, thus, economic growth.

Håkan Hydén, Lund
Sw Cr 335.000
Dnr: 83/159

The Law as an Administrative Instrument

The goal of the project is to investigate the aggregate impact of the factors which affect the application of law in the administrative system. This should yield information on the role of administrative law in the implementation of public commitments.

Olle Törnquist, Uppsala
Sw Cr 75.000
Dnr: 83/218

Political Strategy Problems During New Capitalistic Growth

The project raises the issue of the way in which capitalistic growth in developing countries affects the ability to utilize political means for attaining change. It will also deal with the effects of this growth on Swedish aid development programmes.

Kristina Wallander, Umeå
Sw Cr 30.000
Dnr: 83/231 PL

The Trade Union Press and Culture. The cultural contents of the trade union press from 1870–1980

The emphasis in this project will be on an analysis of the cultural contents of the trade union press from 1870 to 1980. This will provide interesting insights into the Swedish working class' encounter with culture in the past 100 years.

Education/Psychology

Lennart Melin, Uppsala
Sw Cr 140.000
Dnr: 83/16

Psychological Treatment and the Classification of Tinnitus

The object of the project is to evaluate and compare psychological methods for measuring tinnitus and to relate these methods to traditional measurement.

Kristina Humble/B-E. Roos, Uppsala
Sw Cr 300.000
Dnr: 83/36

Description of Personality Organization in Anorexia-Bulimia Nervosa Patients

This project will attempt to describe personality organization in a large number of patients suffering from anorexia nervosa or bulimia nervosa. The descriptions will also be compared to patient data in relevant aspects.

Lennart Sjöberg
Sw Cr 175.000
Dnr 83/48

Actions and Emotional States

The project will study actions in everyday life with a view to shedding light on the difficulties encountered by people in realizing their objectives. Subjects with such difficulties will be studied at various times and their actions related to objectives and values. The influence of emotions on actions will also be studied.

Lars-Göran Nilsson, Umeå
Sw Cr 50.000
Dnr: 83/74 PL

Text-to-Speech Conversion as a Communications Aid for the Handicapped

The main object of the present project is to examine the feasibility of test-to-speech conversion as a communications aid for people with handicaps.

Arne Öhman, Uppsala
Sw Cr 300.000
Dnr: 83/108

The Heart and Life Style. Psychological change strategies in cases of cardiac disease

The project will carry out a study to determine the effect of psychological therapy on a group of subjects with ischaemic heart disease. The aim of the therapy will be to alter A-type behaviour as a means of preventing cardiac infarction.

Margit Tornéus, Umeå
Sw Cr 150.000
Dnr: 83/213

Think About Language. Talk About Thought

The aim of the project, utilizing two longitudinal studies, is to examine the development of metalinguistic functions, the inter-relationship of these functions, cognitive/metacognitive and linguistic development and learning to read and write.

Hans Michélsen, Stockholm
Sw Cr 200.000
Dnr: 83/235

Curative Factors in Psychodynamic Therapy. A model for the identification and testing of curative measures in clinical practice

The project will study factors providing greater insight into some concepts central to psychotherapy. These insights can then be utilized in the development of therapy and in the training of psychotherapists.

Harvey Brenner, Johns Hopkins University, USA, and Linköping
Sw Cr 60.000
Dnr: 83/260

Economic Change and Alcohol Consumption in Swedish Mortality Rate Changes, 1950-1982

The proposed research is concerned with the impact of distressed national economic conditions, especially involving income loss, unemployment and business failure rates, on a population's health, both directly and indirectly, as related to pathological alcohol consumption.

Law

Ulla Jacobsson, Stockholm
Sw Cr 170.000
Dnr: 85/83

The Legal Rights of Women as Plaintiffs/Victims in Criminal Prosecutions for Assault & Battery, Rape and Related Crimes

The object of the project is to investigate the legal rights of women as plaintiffs or victims in criminal prosecutions for assault & battery, rape and related crimes. The investigation results will be employed as the basis for proposals designed to improve these rights.

Göran Grosskopf, Umeå
Sw Cr 170.000
Dnr: 83/143

Economic Crime – legal rights and the forming of a body of judgments

The project will attempt to identify various kinds of illegal actions, analyze different kinds of economic crime and propose suitable counter-measures. The project will devote special attention to legal rights and the way a body of legal judgments is formed.

Torgny Håstad, Uppsala
Sw Cr 140.000
Dnr: 83/217

The Discharging by Bankruptcy Estates and Debtors of Commitments Contracted Prior to Bankruptcy

The object of the study is to elucidate the problems related to the legal position of bankruptcy estates, debtors and creditors in discharging commitments contracted prior to bankruptcy.

Medicine

Per Olsson, Stockholm
Sw Cr 135.000
Dnr: 82/214

Kinetic Bonding and Uptake Studies of Biogenic Amines in Human Thrombocytes – a nerve cell model. The importance of diagnosis and treatment in affective disorders

The goals of the project are to shed further light on mechanisms involved in the transport of biogenic amines, dopamine, noradrenaline etc., identify the presence of any dopamine receptors on human thrombocytes, investigate the cause of altered membrane permeability in depressed people, elucidate the interrelationship of various amine systems, devise a diagnostic method and to carry out certain determinations using thrombocytes from schizophrenic patients before and after treatment with neuroleptic drugs.

Göran Pershagen, Stockholm
Sw Cr 188.000
Dnr: 83/37

Causal Factors in Lung Cancer in Stockholm Women, Radon Exposure in Homes and Passive Smoking in Particular

The object of the present study is to investigate whether the exposure to radon in homes and passive smoking are capable of giving rise to lung cancer in women. The project design will permit concurrent study of the interaction of these factors and identify causal factors such as smoking and occupational exposure.

Leif Bertilsson, Stockholm
Sw Cr 300.000
Dnr: 83/38

Neuropeptides in Depressive Disorders. Development of chemical assay methods

The object of the project is to devise assay methods for certain neuropeptides. The methods should display sufficient specificity and sensitivity to permit the determination of their concentrations in spinal fluid.

Per Eneroth, Stockholm
Sw Cr 300.000
Dnr: 83/98

Investigation of the Correlation Between Psychological Data, Hormone Levels, Lipid Metabolism, Coagulation, Enzyme Activity and the Development of Morbidity in the "Individuell utveckling och miljö" Project

The aim of the project is to search for any correlation between psychological and chemical/biochemical assay results in a group of subjects examined in great detail in the Örebro project, "Individuell utveckling och miljö" (Eng. = Individual development and environment). The hope is to find some constitutional and/or environment pattern which gives rise to criminality, misuse, mental illness or classic somatic disorders.

Anders Löfqvist, Lund
Sw Cr 300.000
Dnr: 83/142

Work Environment and Vocal Behaviour

The aim of the project is to analyze, using quantitative and qualitative measures, voice behaviour in various work environments in order to shed light on risk factors capable of causing voice problems.

Leif Bergdahl, Stockholm
Sw Cr 230.000
Dnr: 83/165

Heart and Lung Transplantation Surgery at Stanford

The project involves participation in the heart transplant team at Stanford University, California, for one year. The present Swedish ban on heart transplants is likely to be lifted soon, so it is important for a Swedish surgeon to acquire first-hand knowledge of the technique.

Lars Terenius, Uppsala
Sw Cr 200.000
Dnr: 83/208

Pathogenic Factors in the Pathogenesis of Schizophrenia

The aim of the project is to examine genes, employing molecular genetic techniques, of importance to the pathogenesis of schizophrenia genetic techniques.

Kenneth Söderhäll, Uppsala
Sw Cr 207.000
Dnr: 81/173

Grain and Mycotoxins. Methods for preventing or reducing the formation of mycotoxins

The aim of the project is to examine the causes of mycotoxin formation in natural substrates, such as grain.

Per-Arne Andersson, Uppsala
Sw Cr 180.000
Dnr: 83/55

Numerical Methods in Floristic Phytogeography. A pilot study in western Sweden

The main object of the project is to investigate the feasibility of utilizing numerical methods in floristic phytogeography. This will be accomplished by examination of phytogeographical differences, gradients and similarities in an area of western Sweden.

Ulf G. Ahlberg, Stockholm
Sw Cr 175.000
Dnr: 83/154

Chlorinated Pollutants as Promoters in Chemical Carcinogenesis. A study of structural relations through the utilization of short-term tests

By studying series of structurally related compounds the projects hope to a) shed light on the ability of two tests to predict the promotive effect of chlorinated pollutants in chemical carcinogenesis and b) study the mechanisms behind the development of those effects.

Bengt Pettersson, Umeå
Sw Cr 75.000
Dnr: 83/168 PL

The Dynamics and Stability of Forest Landscape in Northern Sweden

In the present project, a small catchment basin will be subjected to intensive study employing paleoecological and dendroecological methods in order to shed light on the environmental changes caused by Man's activities.

**Zoltan Banhidi/
Ann-Christine Albertsson, Stockholm**
Sw Cr 262.000
Dnr: 83/177

Breakdown of Nitrogenous Protein-type Biopolymers in Various Building Materials and Their Effect on the Indoor Environment

The project will study the breakdown of nitrogenous biopolymers in various building materials and their effect on the indoor environment.

**Swedish Chemistry Society/
Museum of Technology, Stockholm**
Sw Cr 300.000
Dnr: 83/186

Chemistry Exhibition at the Museum of Technology

The project involves holding a chemistry exhibition. The object of the exhibition is to illustrate the development of the chemical sciences and the chemical industry.

Jan Pettersson, Stockholm
Sw Cr 300.000
Dnr: 83/255

The Effect of Chemical Stimuli on *Meligethes aeneus* and *Dasineura brassicae*

The aim of the project is to study the chemical composition of plants in the mustard family in relation to attacks on them by harmful insects such as *Meligethes aeneus* and *Dasineura brassicae*.

Technology

Gunnar Fant, Stockholm
Sw Cr 260.000
Dnr: 83/31

Communications, Despite Handicaps. Speech, symbolic language and hearing.

The project will carry out basic studies of the pre-requisites for speech communication systems among handicapped people. The project will consist of a number of sub-projects.

**Einar Mattsson/
Maud Bergman, Umeå**
Sw Cr 124.000
Dnr: 83/76

Development of a Method for Clinical Measurement of the Corrosion of Various Metallic Combinations Used as Restorative Material in the Oral Cavity

The aim of the project is to develop methods and instruments for direct measurement of any corrosive galvanic current between various metallic substances employed in restorative dental work.

Humanities

Ingemar Nordin, Linköping
Sw Cr 74.000
Dnr: 82/13

The Structure and Dynamics of Technology

The goal of the project is to produce a critical analysis and discussion of certain theories of the nature of technology.

Margareta Wirmark, Uppsala
Sw Cr 108.000
Dnr: 82/224

Strindberg's Plays About Women. Towards a revitalized view of women and the theatre in 1900–1901

The project will examine five Strindberg plays in which women have the leading role. The plays will be analyzed with respect to their content and design.

**Ulla-Britta Lagerroth/
Louise Vinge, Lund**
Sw Cr 178.000
Dnr: 83/42

Autobiographies and Diaries by Women in Sweden

The object of the project is to make an inventory of autobiographies and diaries written by Swedish women from 1600 to the present date and to describe and analyze the same.

Inger Ahlgren, Stockholm
Sw Cr 304.000
Dnr: 83/91

The Sign Language of Deaf Children

The project aims at increasing knowledge about the linguistic development of children in general and of sign language in particular.

Sune Åkerman, Umeå
Sw Cr 250.000
Dnr: 83/99

Lives. An interdisciplinary project on the relevance of oral sources in various kinds of research

Using interview material, the project intends to shed light on issues of social history and to identify patterns in the lives of individuals. This should show how people contribute to the interpretation, based on their personal values and perception of events, of the history of their age.

Martin Gellerstam, Göteborg
Sw Cr 250.000
Dnr: 83/111

Syntactic Tagging of Text

The planned project intends to supply all the words in the Press 65 material with syntactic tags in order to produce a tagged listing of written Swedish in computer-sensible form.

Jan Svartvik, Lund
Sw Cr 111.000
Dnr: 83/161

Text Segmentation for Speech

The project will attempt to describe the rules which govern segmentation in speech.

Stephan Larsen, Stockholm
Sw Cr 143.000
Dnr: 83/194

African Literature in English and French. A comparative study

The aim of the project is to conduct a comparative study of 19th century African literature in English and French with regard to e. g. the influence of the colonial powers, its view of the individual in relation to the collective, the role of women, criticism of African governments, the choice of subjects and the position of English and French theatre in relation to plays in African languages.

Úbomír Đurović, Lund
Sw Cr 150.000
Dnr 83/202

Archive for the Serbo-Croatian Spoken by the Children of Immigrants

The project will complete the longitudinal collection of material begun in the JUBA project, process the remaining material and supply material for research and programmes financed in other ways.

Gunilla Lindberg-Wada, Stockholm
Sw Cr 165.000
Dnr: 83/226

Tradition and Change in Japanese Literature

The project will attempt to shed light on the process by which foreign ideas are absorbed by the Japanese society. It will comprise comparisons of several literary works from past times with works from two later eras.

Miscellaneous

Gunnar Sorte, Stockholm
Sw Cr 30.000
Dnr: 83/59

Gardens Important to the Art of Gardening. Tabulation of existing documentation and initiation and development of new documentation

The goals of the project are to devise routines for tabulating existing documentation on Swedish gardens of the past and to develop criteria for documenting un-documented gardens.

Lennart Brantgärde, Göteborg
Sw Cr 130.000
Dnr: 83/115

SSD Documentation – Orvesto

Material on the ORVESTO study will be processed to make it suitable for research in fields such as literary science, political science, sociology and mass-communications. The material would otherwise be lost.

Per Friberg, Ultuna
Sw Cr 45.000
Dnr: 83/148

Program Work for a Project Titled "Svensk trädgårdskonst – det historiska arvet"

The object is to continue documentation of work begun in the 1920's on Swedish gardens of the past.

Archives of the Labour Movement, Stockholm
Sw Cr 177.000
Dnr: 83/183

Hjalmar Branting. A preparatory study and source publications

The object of the study is to produce a guide on the Swedish 19th century politician Hjalmar Branting. It will contain a brief biography, a bibliography, comments and analyses of material on him in the Archives, a listing of source material in other institutions, a description of research to date and suggestions for future research projects.

Tables

**Table 1. BALANCE SHEET for the years ending
31st December 1983 and 1982**

Assets	1983	1982
Bonds	683 942 000:—*	684 312 000:—
Chequing account with Bank of Sweden	51 335 714:85	46 278 055:83
Postal giro account	16 101:54	66 873:26
Cash on hand	500:—	500:—
TOTAL (Swedish crowns)	735 294 316:39	730 657 429:09
Liabilities		
Approved but as yet undisbursed grants	30 359 485:46	27 203 950:98
Taxes withheld	62 624:—	39 603:—
Funds allocated for pension fees etc.	1 691 959:65	1 691 959:65
Available funds for research grants:		
From previous years	56 011 969:50	49 104 736:45
Undivided surplus	1 968 331:82	6 907 233:05
Bequests:		
Capital	450 000 000:—	450 000 000:—
Valuation difference, bequest capital	195 199 945:96	195 709 945:96
TOTAL (Swedish crowns)	735 294 316:39	730 657 429:09
	Face value	Value on 31/12
*Swedish government bonds	404 005 000:—	363 540 450:—
Building society bonds	228 110 000:—	134 055 100:—
Municipal bonds	21 540 000:—	16 497 700:—
Industrial bonds	30 287 000:—	27 133 330:—
TOTAL (Swedish crowns)	683 942 000:—	541 226 580:—

Table 2. APPROPRIATION ACCOUNT

Revenue	1983	1982
Interest on securities	46 705 034:70	46 191 124:60
Other interest received	6 618 833:84	5 139 142:34
Other revenue	82 917:55	260 587:31
Grants not utilised	103 087:67	300 451:63
Brought forward from value difference, bequest capital	510 000:—	—
TOTAL (Swedish crowns)	54 019 873:76	51 891 305:88
Expenses		
Administrative expenses	1 969 139:41	1 744 152:99
Project costs	1 457 602:53	1 188 919:84
Approved grants	48 114 800:—	42 051 000:—
Sale and revaluation effects	510 000:—	—
Funds allocated for research grants	1 968 331:82	6 907 233:05
TOTAL (Swedish crowns)	54 019 873:76	51 891 305:88

Table 3.
APPLICATIONS FOR AND GRANTS AWARDED IN
1983
(in 1000 Swedish crowns)

Field	Grants awarded		Applications		Grants awarded as a %		
	No.	Amount	No.	Amount	of amount sought	of no. sought	per field
1. Social Science	130	29 119	254	72 353	40.2	51.2	61.9
1.1 Economic history	3	1 166	7	1 752	66.6	42.9	2.5
1.2 Business administration	6	1 107	34	10 984	10.1	17.6	2.4
1.3 Economics	18	4 730	31	8 810	53.7	58.1	10.0
1.4 Cultural geography	11	4 080	21	6 707	60.8	52.4	8.7
1.5 Sociology/Soc.pol.	28	5 884	51	15 059	39.1	54.9	12.5
1.6 Statistics	4	493	5	1 292	38.2	80.0	1.0
1.7 Political science	21	4 602	31	10 508	43.8	67.7	9.8
1.8 Research on research	—	—	1	220	—	—	—
1.9 Information processing	—	—	2	448	—	—	—
1.10 Education	8	1 506	21	4 018	37.5	38.1	3.2
1.11 Psychology	24	4 658	42	10 734	43.4	57.1	9.9
1.12 Law/Criminology	7	893	8	1 821	49.0	87.5	1.9
1.13 Social anthropology	—	—	—	—	—	—	—
2. Medicine	21	4 345	52	14 483	30.0	40.4	9.2
3. Natural Science	15	3 270	33	10 815	30.2	45.5	6.9
4. Technology	4	699	16	6 330	11.0	25.0	1.5
5. Humanities	50	8 704	107	23 555	37.0	46.7	18.5
6. Miscellaneous	9	928	17	2 341	39.6	52.9	2.0
TOTAL	229	47 065	479	129 877	36.2	47.8	100.0

Travel grants, Salary increases and special committees

1 050

48 115

Table 4.
**GRANTS FOR PROJECT CONTINUATION/
NEW GRANTS IN 1983**
(in 1000 Swedish crowns)

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	161	33 915	182	47 556	71.3	88.5	72.1
New grants	68	13 150	297	82 321	16.0	22.9	27.9
TOTAL	229	47 065	479	129 877	36.2	47.8	100.0

Table 5.
**THE NUMBER OF FINAL AND NON-RECURRENT
GRANTS IN 1983**
Subdivided by project duration and field

Duration (years)	Social science	Medicine	Natural science	Technology	Humanities	Miscellaneous	Total	%
—2	4	1	—	—	5	2	12	18.5
2—3	10	3	—	1	3	—	17	26.2
4—5	13	5	1	1	7	3	30	46.2
6—7	1	—	—	—	1	—	2	3.0
8—	—	3	1	—	—	—	4	6.1
TOTAL	28	12	2	2	16	5	65	100.0

Table 6.

GRANTS FROM 1965-1983
(in 1000 Swedish crowns)

	Applications granted		Amount awarded Amount awarded as a % per field
	Number	Amount	
1. Social Science	1 458	243 601	54.8
1.1 Economic history	82	12 085	2.7
1.2 Business administration	118	16 291	3.7
1.3 Economics	164	30 521	6.9
1.4 Cultural geography	141	25 861	5.8
1.5 Sociology/Soc.pol./	271	45 106	10.1
1.6 Statistics	54	8 569	1.9
1.7 Political science	241	46 097	10.4
1.8 Research on research	19	1 610	0.4
1.9 Information processing	16	5 783	1.3
1.10 Education/Psychology	295	45 926	10.3
1.11 Law/Criminology	57	5 752	1.3
2. Medicine	236	46 817	10.5
3. Natural Science	190	41 896	9.4
4. Technology	20	3 576	0.8
5. Humanities	614	97 275	21.9
6. Miscellaneous	69	11 273	2.6
TOTAL	2 587	444 438	100.0



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