

Annual Report 2024 Department of Business and Management Science

Management	Head Jarle Møen, Deputy Head Iver Bragelien, Adm. Manager Kristin Reichel Teigland
Affiliated	104 persons – 20 Professors, 10 Associate Professors, 12 Post Doctorate Fellows/Assistant Professors, 1 Lecturer, 21 PhD Research Scholars, 5 PhD Students with other funding, 7 Adjunct Professors, 12 Adjunct Associate Professors, 2 Adjunct Lecturers, 6 Professor Emeriti, 1 Scientific Assistant, 1 Administration Manager, 3 Senior Executive Officers, 2 Higher Executive Officers and 1 Office Apprentice
Man-years	75,5 man-years – Faculty 48,0; PhD Research Scholars 21,0; Administrative Staff 6,5
Gender balance	23 % women in tenured faculty positions, 23 % in non-tenured faculty positions, 43 % in PhD Research Scholar positions and 19 % in adjunct faculty positions
Publication points	74,5 (53,6 in 2023, 60,9 in 2022, 66,8 in 2021)

Hirings and promotions

- Aysil Emirmahmutoglu-Pelzl was hired as Associate Professor in Business Economics – Risk Analysis
- Isabel Hovdahl was hired as Associate Professor in Business Economics – Analytics and Energy Transition
- Paul Pelzl was hired as Associate Professor in Business Economics – Risk Analysis
- Bilal Ahmad was hired as Post doctor in Informatics – Geospatial Computer Science
- Niaz Bazhiri Behmiri was hired as Assistant Professor in Business Economics – Energy Analytics
- Lars Jaffke was hired as Assistant Professor in Informatics
- Cosku Can Orhan was hired as Post doctor in Operational Research
- Benjamin Fram was hired as Lecturer in Business Economics
- Five new PhD Research Scholars were hired; Mengjia Dai, Erik Enstad, Harald Straume, Youkai Wu, Wendi Yi
- Charlotte Vårdal Rundhovde was promoted to Senior Executive Officer
- Tony Harr was hired as Higher Executive Officer (temporarily)

Awards

- Steffen Juranek was awarded the NHH Inspirational Teaching Award for 2024
- Ole Kristian Dyskeland was awarded a prize for the best PhD paper at the 46th Annual Meeting of Samfunnsøkonomene
- Malin Arve was granted NHHs publication bonus for an article in *Review of Economic Studies*
- Øystein Foros was granted NHHs publication bonus for an article in *Management Science*
- Michail Chronopoulos has published a scientific article on ABS level 4 in *European Journal of Operational Research*
- Haiying Jia has published a scientific article on ABS level 4 in *Risk Analysis*
- Mohammed Mardan has published a scientific article on ABS level 4 in *European Journal of Operational Research*
- Benjamin Narum and Stein W. Wallace have published a scientific article on ABS level 4 in *European Journal of Operational Research*

Research

- The Department profiles its research in five main thematic areas: (i) *Managerial Economics and Business Strategy*; (ii) *Business Taxation*; (iii) *Asset Management and Risk Analysis*; (iv) *Energy Markets, Resource Management and Sustainability* and (v) *Shipping, Logistics and Operations Management*.
- The Department's faculty members have published 57 articles in scientific journals and 3 chapters in scientific anthologies. This corresponds to 74,5 publication points, of which 65 % are classified on level 2 in University Norway's (UHR's) publication scheme, 51 % are on ABS level 3 or higher (16 % on level 4/4* and 35 % on level 3).
- The Department's total project grants from competition arenas are NOK 6,7 million (9,7 in 2023, 11,2 in 2022, 6,3 in 2021). Of this, 6,7 million comes from the Research Council of Norway, while no funding was received from the EU. The total grant of NOK 7,1 million from the Research Council of Norway includes grants received directly from the Research Council of Norway and grants received from external project partners. In addition, the Department received a grant of 1 million from Equinor through the Akademia agreement, and an annual grant funding of a professorship in Asset Management and Private Equity of 1,5 million from Argentum (from July 1, 2023, until June 30, 2028).
- 13 papers were published in the Department's Discussion Paper series (24 in 2023, 15 in 2022, 10 in 2021)
- 24 faculty seminars have been held
- 6 brownbag seminars have been held
- The Department's faculty members contribute heavily in four of NHH's research centres
 - *Centre for Business Economics* is co-headed by Øyvind Thomassen, together with Eirik G. Kristiansen at the Department of Economics
 - *Centre for Energy, Natural Resources and the Environment – ENE* is headed by Mette Bjørndal and Gunnar S. Eskeland (deputy head)
 - *Centre for Shipping and Logistics* is headed by Stein W. Wallace and Haiying Jia (deputy head)
 - *Norwegian Center for Taxation* is headed by Guttorm Schjelderup and Jarle Møen (deputy head)

- NHH is a partner in *Climate Futures*, a Centre for Research-Based Innovation (SFI) at NORCE. Geir Drage Berentsen is coordinator for NHH's activities and sits on the steering committee of the SFI. Haiying Jia is leader of the innovation area «Smart Shipping», and she is also a member of the steering committee. Leif K. Sandal is a member of the Executive Board and represents NHH in the General Assembly. The centre will do research on new solutions to predict and manage climate risk from 10 days to 10 years ahead. Håkon Otneim and Stein W. Wallace are also affiliated with the centre. Two Post Doctorate Fellows and two PhD Research Scholars are employed. The Department's efforts are linked to shipping, aquaculture, asset management, and insurance.
- NHH is a partner in *Norwegian Centre for Energy Transition Strategies* (NTRANS), research centre for environmentally friendly energy (FME) at NTNU. Mette Bjørndal is deputy head and research director. Gunnar S. Eskeland is a member of the management group responsible for dissemination.
- NHH is a partner in *HyValue*, research centre for environmentally friendly energy (FME) lead by NORCE. Gunnar S. Eskeland is the leader of the work package «Integrating Hydrogen in Value Chains». Leif K. Sandal is a member of the Executive Board and represents NHH in the General Assembly.
- The Department's faculty members have external funding for new research projects
 - Malin Arve and Evelina Gavrilova-Zoutman have received support from the Research Council of Norway under the scheme «Support for Networking to Promote Gender Balance in Norwegian Research» (a part of the Research Council's BALANCE program) to the two-year project «BELONG: enhance the benefits from diversity at NHH».

Doctoral dissertations

- Mahnaz Fakhrabadi (January): Essays on Dynamic Games: Impacts of Different Contracts and Policy Constraints in a Distributional Robust Approach
 - Supervised by: Leif K. Sandal and Jan Ubøe
- Azam Azad Gholami (February): Models for Spatial Consequences of Changes in Commuting Patterns
 - Supervised by: Jan Ubøe
- Thomas Lange (April): The Effects of Labour Migration and Interventions on Tax Compliance
 - Supervised by: Evelina Gavrilova-Zoutman and Floris T. Zoutman
- Benjamin Narum (May): Representations of Uncertainty for Decision Modelling
 - Supervised by: Julio C. Góez and Stein W. Wallace
- Xuan Li (May): Essays on Shareholders Engagement and Voting
 - Supervised by: Geir Drage Berentsen and Håkon Otneim
- Christian Braathen (May): Essays on Staffing and Transportation
 - Supervised by: Mario Guajardo and Julio C. Góez
- Cosku Can Orhan (August): Public Planning of Freight Transport in Logistically Complicated Small Cities
 - Supervised by: Stein W. Wallace, Mario Guajardo and Julio C. Góez

Scientific conferences

- The Department's faculty members regularly contribute to international scientific conferences and other professional meeting places. 102 conference contributions and academic presentations have been registered in the research database Cristin (141 in 2023, 123 in 2022, 88 in 2021). NHH's fund has awarded the department's employees 52 travel grants (48 in 2023, 33 in 2022, 5 in 2021).
- The *TAXLOOP Workshop on Taxing Profits and Dividends*, organized by Floris T. Zoutman and Natalia Flórez Mejía, was held in Bergen in April.
- The *Nordic Econometric Meeting - NEM 2024*, organized by Jonas Andersson and Torill Anthun, was held in Bergen in June.
- The *4th Norwegian Tax Accounting Symposium*, organized by Elisa Casi-Eberhard, Mohammed Mardan, Guttorm Schjelderup, Maximilian Todtenhaupt and Charlotte Vårdal Rundhovde, was held in Bergen in November.
- The *2nd Conference on Tax Transparency*, organized by Elisa Casi-Eberhard, Costanza Maria Ludovica Cincotta and Guttorm Schjelderup, was held in Bergen in December.
- Gabriel Fuentes, Julio C. Góez, Mario Guajardo, Haiying Jia, Leif K. Sandal and Stein W. Wallace were members of the Scientific Committee for the *Joint Workshop Centres for Shipping and Logistics & Energy, Natural Resources and the Environment* held in Bergen in May.
- *Karl Borch Lecture 2024* was held in Bergen in November, with Trond M. Døskeland (leader), Petter Bjerksund, Leif K. Sandal, Guttorm Schjelderup, Knut K. Aase and Torill Anthun in the organizing committee. The 19th Karl Borch Lecture was given by Josh Lerner, Harvard Business School.

Editors in scientific journals

- Malin Arve is an Associate Editor of *Journal of Public Procurement* and on the Editorial Board of *Journal of Industry, Competition and Trade*
- Mario Guajardo is on the Editorial Board of *International Transactions in Operational Research*, *Journal of Quantitative Analysis in Sports* and *Journal of Shipping and Trade*
- Guttorm Schjelderup is on the Editorial Board of *International Tax and Public Finance*
- Stein W. Wallace is on the Editorial Board of *Computational Management Science*, *EURO Journal on Transportation and Logistics* and *International Journal of Inventory Research*

- Floris Zoutman is Editor-in-Chief of the *Nordic Tax Journal*

Teaching

- The Department has the main responsibility for the Methods Courses in the Bachelor Programme (BØA) and is responsible for the course sequence in Business Economics, together with the Department of Accounting, Auditing and Law. During the year, the Department offered 19 course sequences in the Bachelor Programme, including 2 new courses.
- The new Bachelor Programme "Business, Economics and Data Science" (BEDS) started in the Autumn 2024. The Department has developed 7 new courses for this program, of which 2 were offered in 2024, and has main responsibility for the course sequence in methodology and programming (TECH).
- The Department is a central provider of courses in the master profiles in Financial Economics (FIE), Business Analysis and Performance Management (BUS), Business Analytics (BAN), Economic Analysis (ECO) and Energy, Natural Resources and the Environment (ENE). During the year, the Department offered 71 course sequences in the Master Programme, including 4 new courses.
- The Department is responsible for the specialization Business and Management Science in the PhD Programme. During the year, the Department offered 3 courses.
- The Department provides teaching in many executive education programmes offered by NHH Executive. The following employees participate: Malin Arve (MASTRA), Iver Bragelien (MØST, Brytningstid, Seafood Management, MASTRA, MTM, Programme Director MØST), Øystein Gjerde (MØST), Joachim Høegh-Krohn (MØST), Steffen Juranek (Programme Director Seafood Management), Håkon Otneim (MØST) and Frode Sættem (MØST).

Dissemination

- 34 feature articles and opinion pieces were published in national newspapers (22 in 2023, 28 in 2022, 39 in 2021)
- Malin Arve, Petter Bjærksund, Mette Bjørndal, Iver Bragelien, Gunnar S. Eskeland, Øystein Foros, Jarle Møen, Ole-Andreas Elvik Næss, Andreas Ørpetveit, Guttorm Schjelderup and Frode Sættem, have been particularly active participants in the public debate.
- NHH yearly hosts a number of conferences where department employees are important contributors - either in the form of programme management or by giving presentations. In 2024 this applies to *Vårkonferansen*, where Iver Bragelien was in the programme committee, and *Bergen International Shipping Conference*, which was hosted in collaboration with the Bergen Shipowners' Association, with Haiying Jia in the organizing committee.

External positions and society assignments

- Jonas Andersson is leader of the steering committee for the Nordic Econometric Network.
- Malin Arve is a member of the Swedish Competition Authority's council for research issues, a member of the board of the Procurement Academy (*Anskaffelsesakademiet*), a member of Regelrådet, a member of an expert group appointed to draft proposals for a new law on defense and security procurement, a member of a committee that will revise the regulations for public procurement, a member of *UHR-Forskning*, a member of the expert group for *Strategi for å stimulere FoU i næringslivet*, a deputy member of *UHR-ØA*, CESifo Research Network Affiliate, a deputy member of the board of University Toulouse Capitole, leader of the SNF Foundation and a member of the board of SNF AS
- Endre Bjørndal was a member of the board, and secretary, of the Norwegian Association for Energy Economics (NAEE), a member of the board of the Norwegian Operations Research Society (NORS), and a deputy member of the board of SNF AS
- Mette Bjørndal is a member of the board of *Finanstilsynet* (The Financial Supervisory Authority of Norway) and deputy head of the Petroleum Price Board
- Elisa Casi-Eberhard is a member of the American Tax Association Research Resources and Methodology Committee, and a research fellow at the ZEW Mannheim, EU Tax Observatory and TRR Accounting for Transparency
- Trond Døskeland is a member of the board of the Finance Market Fund and a member of an expert group appointed by The Ministry of Finance to evaluate Norges Bank's active management of the Government Pension Fund Global (GPGF)
- Ole Kristian Dyskeland is a deputy member of *UHR Komité for kjønnsbalanse og mangfold i forskning (KiF)*
- Gunnar S. Eskeland is a deputy member of the board of *Energiomstilling Vest* (the knowledge hub on sustainable energy)
- Mario Guajardo is a member of the group of coordinators of the EURO (the Association of European Operational Research Societies) Working Group "OR in Sports" and the Chair of the IFORS (International Federation of Operational Research Societies) Prize for OR in Development
- Sondre Nedreås Hølleland is treasurer and board member of the Norwegian Statistical Society
- Jarle Møen is a member of The Nordic Tax Research Council, a member of the expert group on policies to promote circular economy, a member of the price council on aquaculture
- Sigrid Lise Nonås is a member of the expert group on transportation and logistics in Bergen Chamber of Commerce and Industry
- Leif K. Sandal is a member of the board of Norwegian Marine University Consortium, CMU (part of European Marine Board), a member of the board of *Energiomstilling Vest* (the knowledge hub on sustainable energy), a

member of *NPU-Samfunn*, leader of *Publiseringskomiteen for økonomisk-administrative fag* and a member of *Nasjonalt publiseringsutvalg for samfunnsvitenskapelige fag*

- Frode Sættem is a deputy member of *UHR-Forskning*
- Guttorm Schjelderup is a member of the Scientific Advisory Board at Mannheim Taxation (MaTax) Science Campus, University of Mannheim, a member of the Scientific Advisory Board at the Centre of Excellence (CoE) in Tax Systems Research (a joint cooperation between Tampere University, VATT, and University of Helsinki), a Research Fellow at CESifo, Munich, and a Research Fellow at Saïd Business School, University of Oxford
- Stein Ivar Steinshamn is a member of *Meklingsnemnda for minstepriser i pelagisk sektor*
- Stein W. Wallace is a member of the board of EURO Working Group on Stochastic Programming, a member of Symposium Advisory Committee (SAC) of the Mathematical Optimization Society's conference in 2024, and a member of steering committee for LOGMS (Logistics and Maritime Systems), conference series