

Annual Report

2023

Centre for Health Governance
University of Gothenburg



SAHLGRENSKA ACADEMY



UNIVERSITY OF GOTHENBURG
SCHOOL OF BUSINESS, ECONOMICS AND LAW

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Introduction

Centre for Health Governance (CHG) was established by the University of Gothenburg vice-chancellor November 1, 2021. The centre is a joint effort by the School of Business, Economics and Law and the Sahlgrenska Academy, with the **purpose**:

- To generate applicable knowledge with significance for the health care sector. This is to be achieved by networks in which researchers, care providers, and the business community are included.

Organization

Centre for Health Governance (CHG) follows the regulation and policy set for centres at the University of Gothenburg. CHG has its administrative base at the Department of Economics, School of Business, Economics and Law. The steering group, consisting of representatives from the Sahlgrenska Academy, departments within the School of Business, Economics and Law and external member from the Region Västra Götaland (VGR), has had four board meetings during this period. The operative management group, with representatives from the departments involved from the School of Business, Economics and Law and the School of Public Health and Community Medicine at the Sahlgrenska Academy, has had regular meetings once a month. An advisory board for external collaboration has been formed, in which both local business and public community within the health area is included, with two meetings during this period. A LinkedIn account has been setup.

The six focus research areas on health governance formed during the first year remains:

1. Medical technologies and treatments: effects of new treatment methods
2. Healthcare of the future: digitalization and AI
3. Preventive health ecosystems; preventive care, primary care and reimbursement models
4. Standardized care processes
5. Equal care and universal health coverage
6. Decent work and health promotion

Added academic value

The Centre for Health Governance is frequently approached with inquiries for cooperation and interests in the centre. Several of these inquiries have led to new research collaborations, workshops, and conferences.

CHG as a platform for research collaborations within Health governance, focusing health management and health economics, facilitates multi-disciplinary research and cooperation, within GU, with other universities, external parties, both nationally and internationally.

Some highlighted events:

- Inauguration of CHG. The deans for the School of Business, Economics and Law and the Sahlgrenska Academy jointly opened the centre. A panel discussion was also held with representatives from our advisory board. About 70 persons participated, representing

health governance and economics within the local and regional authorities and other researchers within the field.

- Collaborative meetings with different public and regional actors (for example Tjörns kommun and Angereds Närsjukhus) aiming at joint applications on early coordinated health prevention for children and adolescents.
- Collaboration with Gothenburg Centre for Person Centred Care (GPCC) and Chalmers strategic area Health Engineering. We are working on joint applications and seminars.
- Collaboration with Region Västra Götaland and Sahlgrenska University Hospital with specific focus on health governance, health economy change management, innovation, reimbursement models, medical technologies and treatments, digitalization and AI).
- Collaboration with the City of Gothenburg with a specific focus on the work environment, competence development, mentor programs, decent work and health preventive working life within the elderly care sector and the school sector.
- Collaboration with the Centre for Health Service at the University of Birmingham, a joint research project on the professionalization of gerontologists in the pre surgical phase of older persons in orthopedy.
- Collaboration with Getinge, SweLife, GoCo, LIF and Pfizer on strategic issues on transformation of the future health system governance.
- Ongoing fieldwork in Kenya for the project "Investigating the determinants of the quality of healthcare in urban Kenya". Funded by a Wellcome Trust (UK) Research Fellowship (£ 274,182). Looking at the gender-based discrimination in healthcare and mental health of healthcare Providers.

Second year activities

Recruitments

- PhD student recruited within Business Administration, **Rozita Lajevardi**. Mikael Cäker is supervisor with Ewa Wikström and Christian Gadolin as co-supervisors. Financed equal parts Sahlgrenska University Hospital and the Department of Business Administration; "Ersättningsmodellens roll för god och effektiv hälso- och sjukvård" (Aug 2023)
- Lecturer **Christian Gadolin** recruited to the Department of Business Administration, working within research projects and also as assisting director for CHG.
- PostDoc **Jens Wikström** recruited to the Department of Economics.
- Lecturer **Pia Johansson** recruited to Sahlgrenska Academy, School of Public Health and Community Medicine, who will be part of the management group at CHG.

Dissertations

- **Maria Frödin**; *"Postoperative infections and bladder distension following hip fracture surgery. Findings from implementing patient safety innovations"*, Institute for Health and Care Sciences, Sahlgrenska Academy
- **Frida Labori**; *"Health economic aspects of stroke: stroke prevention and effects on spouse's healthcare consumption"*, School of Public Health and Community Medicine, Sahlgrenska Academy.

- **Andrea Berggren**; *“Choices among Doctors, Students and Primary Care Providers”*, Department of Economics, School of Business, Economics and Law.
- **Erik Söderberg**; *“Projects as interaction in context. Managing public health issues within public sector organisations”*, Department of Business Administration and School of Public Administration.

Workshops, conferences and seminars (selected examples)

Outreach seminars, workshops and collaborations (external actors and practitioners), a selection of knowledge dissemination and collaboration activities

- Management Control and Reimbursement Models – executive workshops and seminars (for Region Västra Götaland and Sahlgrenska University Hospital)
- Participation workshop arranged by Göteborgs Stad and the Gothenburg university about “Welfare issues”.
- Presentation at the “Frihamnsdagarna” arranged by LIF.
- “The national orthopedic conference”.
- Participation conference for HR-managers in Göteborgs stad, “Decent work and health promoting working life”.
- Workshop about Digitalization and AI for the Centre Digital Health, Sahlgrenska Hospital.
- Presentation of the centre at “HälsaSam” at Region Västra Götaland.
- Presentation for Familjen Kampradsforskningsstiftelse.
- Participation workshop at “Regionens hus” about Medical technologies.
- Participation seminar series with Region Västra Götaland “Management Control and Reimbursement principals”.
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Research seminars

- [Seminar series CHG](#) started January 2023, five research seminars took place during 2023, alternating at the School of Business, Economics and Law and at the Sahlgrenska Academy.
- “Forskardag”, Göteborgs universitet; “Values of investment in public health”.
- Seminar arranged by Dept Economics with affiliated professor Martin Karlsson, University of -Duisburg-Essen; “Alive and Kicking? Short-Term Health Effects of a Physician Strike in Germany”.

Nordic and International conferences (presentation and participation)

- SHEA Conference, Karolinska Institute, Stockholm; “Tillräcklig evidens kring effekt och kostnadseffektivitet av nya cancer-läkemedel?”

- IHEA World Congress, Cape Town, South Africa; “Cost-Effectiveness of Medical Cannabis for Treatment of Chronic Pain: A Longitudinal Cohort Study”.
- Nordic Global Health Talks, School of Global Health, University of Copenhagen; “Healthcare financing challenges in low- and middle-income countries”
- International Symposium on Maritime health: «Maritime Medicine-From the Antiquity to Present Day”, Athens, Greece; “Occupational asthma among harvesting fishermen at the open sea: a systematic review”.
- Nordic Conference in Development Economics (NCDE) – “Does free maternity care improve access and save lives?” Quasi experimental evidence from Kenya.

Higher educational training

The members of the center are involved in executive education courses and programs, also magister, candidate, and master courses and programs. A selection of educational activities is presented in this section:

Executive education

- LESTRA – an executive education program on leadership and governance for managers in health care and public organizations (Christian Jensen and Ewa Wikström)

Master, candidate and magister programs and courses

- Global Health Economics (Gustav Kjellsson, Annika Lindskog)
- Courses in health economics directed to economist at the bachelor and master level: Health Economics, Master course in Economics (Kristian Bolin).
- Health Economics for master students in biomedical engineering, Chalmers University of Technology (Jahangir Khan and Pia Johansson)
- Health Economics, Bachelor level, University of Gothenburg (Gustav Kjellsson and Roxanne Kovacs).
- MPH, Health Economics courses, University of Gothenburg (Carl Bonander, Gabriella Chauca Strand, Pia Johansson, Jahangir Khan)
- Health Economics for master’s in biomedical engineering, Chalmers University of Technology (Jahangir Khan and Pia Johansson)
- A proposal for a PhD course has been developed in collaboration with prof Holgersson, Institute of Biomedicine and the National Research School of ATMP, with the course title Patient access and health economics of ATMPs (Advanced Therapy Medicinal Products). (Pia Johansson and Jahangir Khan).

Finances

The Centre for Health Governance (CHG) was made possible by a five-year core funding from Carl Bennet AB, facilitating a professorship, including directorship, two part-time post-doc researchers and for a small extent an administrative coordinator. Funding from Carl Bennet AB for all five years is 5 msek with equal parts cofinancing from the University of Gothenburg and

the School of Business, Economics and Law, also with a smaller contribution from the Sahlgrenska Academy.

Applications for different research projects is an ongoing process for all researchers, most often together with other researchers within health governance and economics, across faculties, universities, with external parties, national and international. More than 15 applications are in working process, for example to Konkurrensverket, Folkhelseinstitutt I Oslo, Vinnova, EU Horizon, UGOT.

The School of Business, Economics and Law are also working together with the director for long-term investments in the centre infrastructure - *“Case for support”*.

Approved applications

	CHG part	Grant in	
Approved grants	of grant	total	CHG researcher applicants
Lundbergsstiftelsen	15 000 000	15 000 000	K Bolin, E Wikström
Horizon-project	3 000 000	49 000 000	E Wikström, M Cäker
AFA	1 200 000	3 819 000	G Hensing, E Wikström
Forte	19 000 000	24 000 000	U Strömberg, M Svensson, C Bonander
Forte	2 400 000	4 800 000	M Svensson
Cancerfonden	3 000 000	3 000 000	U Strömberg, C Bonander
Adlerbertska forskningsstiftelsen	1 112 832	1 112 832	R Kovacs
Europeiska Regionala Utvecklingsfonden	565 000	14 000 000	K Bolin
Riksbankens Jubileumsfond	530 000	530 000	C Solér, E Wikström
Konkurrensverket	560 000	2 400 000	LM Ellegård, G Kjellsson
Vetenskapsrådet	3 000 000	5 100 000	G Kjellsson
EuroQol Research Foundation	94 000	790 186	J Khan, E Wikström
	51 313 832	79 404 018	

Selection of publications

- **Chauca Strand, G.**, Johansson, N., Jakobsson, N., **Bonander, C.**, & **Svensson, M.** (2023). Cancer drugs reimbursed with limited evidence on overall survival and quality of life: do follow-up studies confirm patient benefits? *Clinical Drug Investigation*, Published Online 28 July 2023.
- Chauca Strand, G., Strömberg, U., Forsberg, A. & **Bonander, C.** (2023). Impact of organised colorectal cancer screening on age-specific population incidences: evidence from a quasi-experimental study in Sweden. Forthcoming in *European Journal of Epidemiology*.
- Eeg-Olofsson K, Hero C, **Khan J**, Petzold M, Sjögren P, Sjövall H, Stadig I, Svanberg T, Hongslo Vala C. *Efficacy and safety of advanced hybrid closed loop insulin pump systems compared with multiple daily injections or open loop systems, in adults with type 1 diabetes*. [Effekt och säkerhet hos avancerade hybrida insulinpumpsystem med sluten slinga jämfört med flera dagliga injektioner med insulin eller insulinpumpsystem med öppen slinga, hos vuxna med typ 1-diabetes]. Göteborg: Västra Götalandsregionen, Sahlgrenska Universitetssjukhuset, HTA-centrum: 2023. Regional activity based HTA 2023:134.
- Eklund, E., Holmberg, H., **Svensson, M.**, Gustavsson, J. & **Bonander, C.** (2023). A quasi-experimental evaluation of municipal ice cleat distribution programmes for older adults in Sweden. *Injury Prevention*, Published Online 22 May 2023.
- Frödin, M., Rogmark, C., Nellgård, B., Gillespie, B. M., **Wikström, E.** & Andersson, A. E. (2023). "Interactive Interventions Can Improve Hand Hygiene and Aseptic Techniques During Perioperative Care—Experience From the “Safe Hands” Project." *Journal of Perianesthesia Nursing*, 38.2: 284-90.
- Gillberg, N., Ahlstrom, L., Erichsen Andersson, A., Fallman, S. L., Degl’Innocenti, A., Jonsdottir, I. H., Wijk, & **Wikström, E.** (2023). Resilience Capability and Capacity in Unexpected Crises: Experiences and Lessons Learned in a Healthcare Organisation during the COVID-19 Pandemic. *Journal of Nursing Management*: 1-10.
- Iem V, Bimba JS, Santos VS, Dominguez J, Creswell J, Somphavong S, Wingfield T, **Khan JAM**, Cuevas LE. Pooling sputum testing to diagnose tuberculosis using xpert MTB/RIF and xpert ultra: a cost-effectiveness analysis. *BMC Infect Dis*. 2023 May 22;23(1):341. doi: 10.1186/s12879-023-08330-9. PMID: 37217868; PMCID: PMC10201466.
- Inci K, Nilsson B, Ny L, **Strömberg U**, Wiking N, Lindskog S, Giglio D. Targeted therapy in the palliative setting of colorectal cancer-survival and medical costs. *Cancers (Basel)*;15:3022.

- Jacobsen J, Andrioti Bygvraa DA, Baygi F, Charalambous G. Towards Long Term Development in Kenya: A Policy Analysis. *International Journal of Economics, Business and Management Research*, 2023; 7:06 Doi: 10.51505/IJEBMR.2023.7616
- **Kovacs, R.J.**, Dunaiski M., Tukiainen, J. (2023) The effect of compulsory face mask policies on community mobility in Germany. Forthcoming in *The Scandinavian Journal of Economics*. <https://doi.org/10.1111/sjoe.12537>
- **Kovacs, R. J.**, Dunaiski, M., Glizzi, M., Hortala-Vallve, R., Murtin, F. The Determinants of Trust: Findings From Large, Representative Samples in Six OECD Countries
- **Kovacs, R. J.**, Powell-Jackson, T., Hone, T., Barreto, J., Nunes da Silva, E. Paying our way to better health? The impact of public spending on health outcomes in Brazil.
- **Kovacs, R.J.**, Dunaiski M., Tukiainen, J. (2023) The effect of compulsory face mask policies on community mobility in Gerny. Forthcoming in *The Scandinavian Journal of Economics*. <https://doi.org/10.1111/sjoe.12537>
- **Kovacs, R. J.** Does free maternity care improve access and save lives? Quasiexperimental evidence from Kenya.
- Labori, F., **Bonander, C.**, Svensson, M., & Persson, J. (2023). Long-term effects on healthcare utilisation among spouses of persons with stroke. Forthcoming in *BMC Health Services Research*.
- Labori, F., Persson, J., **Svensson, M.** & **Bonander, C.** (2023). The impact of stroke on spousal and family income: a difference-in-difference study from Swedish national registries. Forthcoming in *Topics in Stroke Rehabilitation*.
- Lucas D, Gourier G, **Bygvraa DA**, Canals ML, Balazs A, Lux H, Jensen O, Occupational allergic diseases among harvesting fishermen on the open sea: a systematic review. *Ann Allergy Asthma Immunol* 2023;131(2):253-265. doi: 10.1016/j.anai.2023.04.018
- Nilsson, A., **Strömberg, U.**, Björk, J., **Bonander, C.** (2023). Can non-participants in a follow-up be used to draw conclusions about incidences and prevalences in the full population invited at baseline? An investigation based on the Swedish MDC cohort. Forthcoming in *BMC Medical Research Methodology*.
- Nilsson, A., **Strömberg, U.**, Björk, J., Forsberg, A., Kritzell, K., Kemp Gudmundsdottir, K., Engdahl, J., & **Bonander, C.** (2023). Examining the continuum of resistance model in two population-based screening studies in Sweden. *Preventive Medicine Reports*, 35, 102317.
- Nwaru, C., Li, H., **Bonander C.**, Santosa, A., Franzén, S., Rosvall, M., & Nyberg, F. (2023). Occupational role and Covid-19 among foreign-born healthcare workers in Sweden: a registry-based study. *European Journal of Public Health*, 33(2), 202-208.
- Parkes, B., Stafoggia, M., Fecht, D., Davies, B., **Bonander, C.**, de' Donato, F., Michelozzi, P., Piel, F., Strömberg, U. & Blangiardo, M. (2023). Community factors and excess mortality in the COVID-19 pandemic in England, Italy and Sweden. *European Journal of Public Health*, 33(4), 695.

- Sarker AR, Zabeen I, Hossain Z, Ali N, **Khan JAM**. Increasing rates of cesarean birth in Bangladesh: A household-level pooled analysis. *Birth*. 2023 Nov 22. doi: 10.1111/birt.12789. Epub ahead of print. PMID: 37994253.
- **Strömberg U**. Make available anonymous data at the small-residential-area level. *Acta Oncol*. 2023;62:118-20.
- Vallo Hult H, Elden H, Frerichs M, Gelerander L, Greim G, Jivegård L, **Khan J**, Magnusson K, Mourtzinis G, Nyström O, Quitz K, Scharenberg C, Sjöland H, Svanberg T, Svedberg M, Wartenberg C. Egenmonitorering - evidenskartläggning genom sammanställning av systematiska översikter för utvalda diagnosgrupper [*Remote patient monitoring – an overview of systematic reviews for selected diagnosis groups*]. Göteborg: Västra Götalandsregionen, Sahlgrenska Universitetssjukhuset, HTA-centrum: 2023. HTA 2023:133.
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- **Wikström, E.**, Arman, R., Dellve, L., & Gillberg, N. (2023). Mentoring Programmes – Building Capacity for Learning and Retaining Workers in the Workplace. *The Journal of Workplace Learning*.
- **Wikström, E.** (2023). Samverkan i Team. Bokkapitel i, Annika Eklund & Christian Gadolin (red) (2023). Samverkan i vården – Från system till praktik, 2023 Liber AB Stockholm. S. 113-32.
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- Ydrefelt E, Di Leone F, **Khan J**, Liljedahl SI, Liljegren A, Stadig I, Sjögren P, Bernhardsson S. *General psychiatric management for patients with personality disorder and/or self-harm behaviour* [General Psychiatric Management för patienter med personlighetsstörning och/eller självskadebeteende]. Göteborg: Västra Götalandsregionen, Sahlgrenska Universitetssjukhuset, HTA-centrum: 2023. Regional activity-based HTA 2023:135.