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Scuola Internazionale Superiore di



Wennberg International Collaborative 2023 Fall Meeting

Sant'Anna School of Advanced Studies
in Pisa, Italy | Sept 13-15

*Addressing Unwarranted Variation
in Healthcare*

MEETING PARTICIPANTS

Conference venue

33, piazza Martiri della Libertà - Pisa
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Dr. David Barrett

Dr. Barrett is an Operations Management Professor in the HBA, MBA, MMA and EMBA programs at Ivey. Dr. Barrett's past interactions and experiences with healthcare clinicians and administrators has largely motivated his focused interest in advancing scholarly theorization and managerial understanding of the requisite operational and organizational capabilities that underpin the productive deployment of a systematic lean management approach. His personal research focuses on the design, delivery and capture of value for and from customers in healthcare through the deployment of a well-designed lean management system.

From 2015-20, Dr. Barrett served as the Executive Director of the Ivey International Centre for Health Innovation (IICHI). At IICHI, his team of researchers focused on value based healthcare initiatives and efforts to enhance the value created and captured through systematic improvements and disruptions to the healthcare delivery value chain and for the healthcare system in totality.

Prior to completing his MBA at Ivey and embarking on a management consulting career based in Boston, David was an elite level men's hockey coach. In addition, at Western he coached the women's varsity team to a National Championship in 2015 and won Canadian University Sports Coach of the Year. His unique blend of coaching, consulting and academic training enables him to apply a rare mix of skills and perspectives to problems within the operations and supply chain functional areas of a business.

Dr. Barrett is a Certified Management Accountant and a Chartered Professional Accountant. He serves as the Chair of the Research and Business Committee, the Bone & Joint Institute at Western University, Co-Chair of Value Based Healthcare Canada at the Conference Board of Canada, an advisor to RxFood and as a Member, Academic Thought Leadership Committee, for Kinaxis Canada.

Craig Bell

Craig is a Civil Servant. He began working for Scottish Government in 2006 and has held several roles within Health, including responsibility for long term conditions policy, national and regional service planning and the introduction of major trauma centres to Scotland. Since 2017, he has worked closely with the Chief Medical Officer for Scotland to develop and implement Realistic Medicine and Value based Health and Care. A passionate advocate for person centred care, he is keen to support health and care professionals to focus on the outcomes that matter to the people they care for.

As a keen swimmer, and promoter of physical activity, he believes exercise can help improve our physical, mental and social health.

Publications

1. [Chief Medical Officer's Annual Report 2022/2023](#)
2. [Chief Medical Officer's Annual Report 2021/2022](#)
3. [Chief Medical Officer's Annual Report 2020/2021](#)
4. [Chief Medical Officer's Annual Report 2017/2018](#)
5. [Chief Medical Officer's Annual Report 2016/2017](#)

Haji Kedir Bedane, PhD

Haji Kedir Bedane, MPH, PhD is a public health professional who currently works as a senior advisor and statistical analyst for Healthcare Atlas Services Norway at Forde health Trust, research and innovation department, Norway. Formerly, he had worked at Haramaya University, Ethiopia at different levels for more than ten years and have got a wide range of experience in research and teaching on the field of public health. Haji's current research projects focus on geographic variation of healthcare for patients with severe mental illness and substance use disorders and factors associated with such variations. He has published more than 15 research articles in highly regarded, peer-reviewed journals. Haji is highly interested in research projects that focus on causes and consequences variation in healthcare at national or international levels and welcome any possibility of collaboration. Interested scholars can be connected with him through ResearchGate at <https://www.researchgate.net/profile/Bedane-Kedir>.

Publications

1. **Bedane HK**, Lien L, Holsen M, Bale M, Osvoll KI, Thoresen C, Holman PA. Geographic variation in the utilisation of specialist healthcare for patients with severe mental illness in Norway: a population-based registry study. *Research in Health Services & Regions*. 2023 Dec;2(1):1-0.
2. Holsen M, Hovind V, **Bedane HK**, Osvoll KI, Gjertsen JE, Furnes ON, Walsh ME, Ingebrigtsen T. Geographical variation in orthopedic procedures in Norway: Cross-sectional population-based study. *Scandinavian Journal of Surgery*. 2022 Dec;111(4):92-8.
3. Endalamaw, Y., **Kedir, H.**, & Alemayehu, T. (2019). Visible Goiter among Pregnant Women Attending Antenatal Clinic in Public Health Facilities of Debre Markos Town, East Gojjam, North West Ethiopia. *Journal of Nutrition and Metabolism*, 2019.
4. **Kedir, H.**, **Berhane**, Y., & Worku, A. (2014). Subclinical iodine deficiency among pregnant women in Haramaya district, eastern Ethiopia: A community-based study. *Journal of nutrition and metabolism*, 2014.
5. **Kedir, H.**, **Berhane**, Y., & Worku, A. (2016). Magnitude and determinants of malnutrition among pregnant women in eastern Ethiopia: evidence from rural, community-based setting. *Maternal & child nutrition*, 12(1), 51-63

Gwyn Bevan

Gwyn Bevan is Emeritus Professor of Policy Analysis in, and former Head of, the Department of Management at the London School of Economics and Political Science; and an Affiliate Professor in the, Istituto di Management of the Scuola Superiore Sant'Anna, Pisa.

Publications

1. Bevan, Gwyn. [How Did Britain Come to This?](#) to be published by LSE Press in October 2023. It will be freely available to read download via Open Access publishing.
2. Bevan, Gwyn, Fasolo, Barbara and Nuti, Sabina (2021) 'Analisi comportamentale di sistemi di valutazione della performance dei servizi pubblici sanitari: lezioni dall'Italia e dal Regno Unito'. In: Viale, Riccardo and Macchi, Laura, (eds.) *Analisi comportamentale delle politiche pubbliche: Nudge e interventi basati sulle scienze cognitive*. Società Editrice il Mulino, Bologna, IT. ISBN 9788815290137
3. Wilson, Tim, Gwyn Bevan, Muir Gray, Clara Day, and Joe McManners. (2020) 'Developing a culture of stewardship: how to prevent the Tragedy of the Commons in universal health systems.' *Journal of the Royal Society of Medicine* 113, no. 7: 255-261.
4. Bevan, Gwyn, Alice Evans, and Sabina Nuti. (2019) 'Reputations count: why benchmarking performance is improving health care across the world.' *Health Economics, Policy and Law* 14, no. 2: 141-161.

Mirko Bonetti

Statistician, expert in epidemiological monitoring and management of the provincial health information system

Publications

1. M. Bonetti, C. Melani (2023), "Effects of Covid-19 on the elective surgery: an approach based on the case of the Italian Province of Bolzano" in Res Health Serv Reg 2, 6. <https://doi.org/10.1007/s43999-023-00021-x>
2. M. Bonetti M, C. Melani (2022), "La diffusione della pandemia COVID-19 a livello ospedaliero nella Provincia Autonoma di Bolzano: uno studio descrittivo (febbraio 2020-marzo 2022)" in Boll Epidemiol Naz 2022;3(4):17-21. https://doi.org/10.53225/BEN_055;
3. Bonetti M., Melani C. (2019). "La variazione geografica dei tassi di ospedalizzazione nelle piccole aree: il caso di Bolzano (The geographical variation in hospital admission rates in the small areas: the case of Bolzano). Mecosan 2019; 110(11): pp. 111-121; DOI 10.3280/MESA2019-110006
4. Bonetti M., Melani C. (2019). "The role of Emergency Department non-urgent visits in province of Bolzano". Not Ist Super Sanità – BEN 2019; 32(4): i-iv
5. Bonetti M., Melani C. (2017). "Analysis of geographical variation in hospital admission rates in the province of Bolzano, Italy". Not Ist Super Sanità – BEN 2017; 30(12)

Anne E.M. Brabers

Anne E.M. Brabers, PhD, works as a senior researcher within Nivel's Health Care System & Governance program. In 2018, she defended her PhD-thesis at Maastricht University. In her PhD-thesis, she investigated mechanisms explaining patient involvement in medical decision-making. She also examined what patient involvement means for medical decision-making and for variation in medical practice. One of the studies of her PhD-thesis shows that shared decision-making results in less variation between hospitals in the choice of single or double embryo transfer in IVF. Currently, she is involved as researcher in a study explaining practice variation in induction of labour (IOL), as well as in a study explaining practice variation in needs assessments among home care nurses. Anne has experience with project management, developing questionnaires, statistical analyses, and writing both policy-oriented reports and scientific articles. Her field of expertise includes (shared) decision-making, practice variation, consumer studies and the health insurance system.

Publications

1. Offerhaus P., Van Haaren-Ten Haken T., Keulen J.K.J., De Jong, J.D., Brabers A.E.M., Verhoeven C.J.M., Scheepers H.C.J., Nieuwenhuijze M. Regional practice variation in induction of labor in the Netherlands: Does it matter? A multilevel analysis of the association between induction rates and perinatal and maternal outcomes. *Plos One*: 2023, Jun 8;18(6):e0286863. doi: 10.1371/journal.pone.0286863.
2. Van Dorst, J.J.I.E., Schwenke, M., Bleijenberg N., De Jong, J.D., Brabers A.E.M., Zwakhalen S.M.G. Defining practice variation and exploring influencing factors on needs assessment in home care nursing: A Delphi study. *J Adv Nurs*: 2023, Sep;79(9):3426-3439. doi: 10.1111/jan.15680.
3. Brabers, A.E.M., Groot, K. de, Groenewegen, P.P., Jong, J.D. de. To what extent do home care nurses feel free to assess the care that is needed for their patients? A nationwide survey in the Netherlands. *Health Science Reports*: 2021, 4(4), e420.
4. Brabers, A.E.M., Groot, K. de, Groenewegen, P.P. Practice variation among home care nurses. *Primary Health Care Research and Development*: 2019, 20(e136), 1-2
5. Brabers A.E.M. Patient involvement and medical practice variation: can patients be ignored in theories about practice variation? Thesis. Maastricht University, 2018.

Álvaro Montero Calero

Álvaro Montero Calero, historian and geographer, Geographic Information System specialist and research technician at Atlantes Global Observatory of Palliative Care WHO collaborating center for the global monitoring of palliative care development.

Paola Cantarelli

Paola Cantarelli is Assistant Professor at Scuola Superiore Sant'Anna (Management and Healthcare Laboratory, Institute of Management, Pisa, Italy). Her research focuses on behavioral human resource management and work motivation.

Publications

1. Cantarelli, P., Vainieri, M., & Seghieri, C. (2023). The management of healthcare employees' job satisfaction: optimization analyses from a series of large-scale surveys. *BMC Health Services Research*, *23*(1), 1-14.
2. Wang, S. Y., Cantarelli, P., Groene, O., Stargardt, T., & Belle, N. (2023). Patient expectations do matter-Experimental evidence on antibiotic prescribing decisions among hospital-based physicians. *Health policy*, *128*, 11-17.
3. Belle, N., Cantarelli, P., Barchielli, C., & Battaglio, P. (2023). Easier said than done. Do defaults and reminders affect public workers' knowledge of guidelines?. *International Public Management Journal*, 1-22.

Margherita Ferranti

I'm Margherita Ferranti, I'm 32 years old and I'm an epidemiologist and a biostatistician. I earned a Master in Epidemiology and Biostatistics and a PhD in Public Health from the Catholic University of Rome. I am currently a resident in Health Statistics at La Sapienza University in Rome.

I work at the Department of Epidemiology of the Lazio Region (Italy). Within the Regional outcome evaluation programme, which operates in full synergy with the national outcome evaluation programme, I deal with the drafting of the rationales, the operational protocols and the calculation of a set of 16 indicators on malignant breast cancer clinical pathway, developed on the basis of national and international guidelines.

The purpose is to compare the structure of the breast cancer network with the planned organisational model and the assessment of adherence to quality standards. I published on this topic a scientific article of which I am the first author (Ferranti M et al. "Evaluation of the breast cancer care network within the Lazio Region (Central Italy)". PLoS One. 2020 Sep 3;15(9):e0238562).

Gwenyth Gasper

My name is Gwenyth Gasper, and I am a current second year medical student at the Dartmouth Geisel School of Medicine. I attended the University of Notre Dame for undergrad and received my degree in Neuroscience and Behavior in January of 2021. After graduation, I spent a year working as a clinical research assistant at the Medical College of Wisconsin Tissue Bank before being awarded a Naughton Fellowship to complete a master's program in Diagnostics and Precision Medicine at Dublin City University in Dublin, Ireland. My thesis for this program was titled "Combination BRAF inhibitor therapy and immunotherapy for the treatment of cutaneous melanoma."

As an aspiring physician, I look forward to combining both my clinical and research interests to further transform medical care and better serve both patients and their families.

Max Geraedts

Prof. Dr. Max Geraedts, MPH heads the Institute for Health Services Research and Clinical Epidemiology at the Philipps University of Marburg, Germany. He studied Medicine in Marburg, Public Health in Düsseldorf, and completed a Postdoctoral Fellowship in Health Services Research at the Institute for Health Policy Studies, University of California, San Francisco, USA. His research interests are in the area of quality-related health services research, especially quality measurement and assessment, and evaluation of health policy interventions.

(see <https://www.uni-marburg.de/en/fb20/departments/cmh/ive/institute>)

Publications

1. Geraedts M, Ebbeler D, Timmesfeld N, Kaps M, Berger K, Misselwitz B, Günster C, Dröge P, Schneider M. Long-term outcomes of stroke unit care in older stroke patients: A retrospective cohort study. *Age and Ageing* 2022;51: 1–7. doi: 10.1093/ageing/afac197
2. Geraedts M, Ebbeler D, Timmesfeld N, Kaps M, Berger K, Misselwitz B, Günster C, Dröge P, Schneider M. Quality Assurance Measures and Mortality After Stroke—a Retrospective Cohort Study. *Dtsch Arztebl Int* 2021; 118: 857-63. doi: 10.3238/arztebl.m2021.0339
3. Geraedts M, Krause S, Schneider M, Ortwein, Leinert J, de Cruppé W. Patient safety in ambulatory care from the patient's perspective - A retrospective, representative telephone survey. *BMJ Open* 2020; 10:e034617. doi:10.1136/bmjopen-2019-034617
4. Brauer L, Geraedts M. Exploring regional healthcare utilisation and quality of care for endometriosis in rural areas in Hesse, Germany: a mixed-methods study protocol. *BMJ Open* 2023;13(8):e074259. doi: 10.1136/bmjopen-2023-074259
5. Evers J, Geraedts M. Impact of nursing home characteristics on COVID-19 infections among residents and staff. *American Journal of Infection Control* 2023 (in press) doi: 10.1016/j.ajic.2023.08.011. [https://www.ajicjournal.org/article/S0196-6553\(23\)00572-2/fulltext](https://www.ajicjournal.org/article/S0196-6553(23)00572-2/fulltext)

David C. Goodman

Dr. Goodman was a founding investigator of the *Dartmouth Atlas of Health Care* and co-Principal Investigator for over a decade. He has led multiple Atlas projects on such topics as the physician workforce, end-of-life cancer care, post hospital discharge utilization, and care for infants and children. He has served on the editorial boards of the journals *Health Services Research*, *Pediatrics*, *The Journal of Pediatrics*, and *Research in Health Services and Regions (Honorary)*. His teaching focuses on advancing knowledge and methods in medical care epidemiology and in evaluating children's medical care. His current research is directed towards unwarranted variation in the use of perinatal and neonatal intensive care services. Dr. Goodman has been a member of numerous national and international advisory committees and was the recent Chair of the U.S. Council on Graduate Medical Education. He is an Adjunct Professor at the Institute for Social and Preventive Medicine, Univ. of Bern, and at the Univ. of Texas, McGovern School of Medicine, Houston. Dr. Goodman and his colleague Prof Gwyn Bevan (London School of Economics) are the founders of the Wennberg International Collaborative.

Publications

1. Davis R, Stuchlik PM, Goodman DC. The relationship between regional growth in neonatal intensive care capacity and perinatal risk. *Medical Care*, in press.
2. Bronner KK, Goodman DC. The Dartmouth Atlas of Health Care – bringing health care analyses to health systems, policymakers, and the public. *Research in Health Services & Regions*. 2022;1(1):6.
3. Goodman DC, Price TJ, Braun D. Accuracy and completeness of intermediate-level nursery descriptions on hospital websites. *JAMA Netw Open*. 2022;5(6):e2215596.
4. Goodman DC, Wasserman JR, Mowitz ME, Gilbert J, Stukel TA, Ganduglia-Cazaban C. Neonatal Intensive Care Utilization and Post-Discharge Newborn Outcomes: A Population-based Study of Texas Medicaid Insured Infants; *J Pediat*. 2021;236:62-69.e3.
5. Goodman DC, Ganduglia Cazaban C, Franzini L, Stukel TA, Wasserman JR, Murphy MA, Kim Y, Mowitz ME, Tyson JE, Doherty JR, Little GA. Neonatal Intensive Care

Variation in Medicaid-Insured Newborn: A Population-Based Study. *J Pediat*, 2019;209:44-51. PMID 30955790

6. Hoxha I, Fejza AJ, Aliu M, Juni P, Goodman DC. Health System Factors and Caesarean Sections in Kosovo: a cross sectional study, *BMJ Open*, 2019;9:e026702. doi:10.1136/bmjopen-2018-026702.

Per Arne Holman

Current position: Head of analysis Department for Patient Safety and Research, Lovisenberg Diaconale Hospital in Oslo

Research interest: Priority setting, equal access, finance models, mental health care, PROM.

Publications

1. Using referrals and priority-setting rules to risk adjust budgets (2011). Keyword: Geographic variation in capacity across providers. <https://pubmed.ncbi.nlm.nih.gov/21642747/>
2. Horizontal equity and mental health. (2012) Keywords: Equal access, priority setting, Interrater Reliability, Intraclass Correlation Coefficient, Mental health care. <https://doi.org/10.1186/1472-6963-12-162>
3. Geographic variation in the utilisation of specialist healthcare for patients with severe mental illness in Norway (2023) Keywords Geographic variation, Mental helathcarem Severe mental illness, Service utilation <https://doi.org/10.1007/s43999-023-00025-7>
4. Geographic variation in adults utilisation of private practitioners and Community mental health centres in Norway (2023) Keywords: mental healthcare, outpatient consultations, private practitioners, CMHC, geographical variation, equal access, equity, priority setting <https://doi.org/10.52734/IHAK9103>
5. Referral assessment and patient waiting time decisions in specialized mental health care (2022) Keywords: Referral assessment, Assessment of healthcare need, Prioritizing, CORE-OM, PROM, Delivery of care, Quality improvement <https://doi.org/10.1186/s12913-022-08877-4>

Troels Kristensen

Troels Kristensen is an Associate Professor of Health Economics and Health Policy at The University of Southern Denmark, Institute of Public Health. He is a part of DaCHE - Danish Centre for Health Economics (DaCHE) embedded in the Institute of Public Health. Based on interdisciplinary collaboration between general practitioners, economists and other professionals DaCHE and The Research Unit of General Practice has a research interest in the causes and consequences of health care variation.

Dr. Kristensen has a research interest in organization of health care systems, incentive structures in general practice, continuity of care, GP behavior, consequences of variation in health care delivery/needs, risk adjustment via socioeconomic and morbidity based casemix systems and a specific interest in investigating personality, leadership, integrated care (diabetes management), unwarranted variation in use of health care services, approaches to case mix adjustment and related resource allocation through mixed remunerations systems. The majority of the latter in the general practice sector.

Dr. Kristensen is involved in a range of research projects such as a project on the effect of POCT of HbA1c on variation in hospital activity, measurement of variation in personality characteristics (empathy and medical engagement) among general practitioners and projects related to applications of case mix systems for public health purposes and remuneration of general practitioners. Dr. Kristensen has served as a reviewer on multiple journals and conducted research funded by the Danish Regions and other Danish authorities. His working-papers and research papers as well as policy oriented reports have been published in International Journal such as Health Care Management Science, European Journal of Health Economics, Health Policy and working paper series. Dr. Kristensen is participating in the Wennberg Collaborative network.

Dr. Kristensen received his economics degree (MSc) from University of Southern Denmark and his PhD degree in Health Economics from University of Southern Denmark. During his PhD he was a visiting researcher at the University of York (CHE) and received a part of his PhD training at the Swiss School of Public Health (SSPH).

<http://findresearcher.sdu.dk/portal/da/person/trkristensen>

Publications

1. Eguia, H.; Vinciarelli, F.; Bosque-Prous, M.; Kristensen, T.; Saigí-Rubió, F. Spain's

- Hesitation at the Gates of a COVID-19 Vaccine. *Vaccines* 2021, 9, 170.
2. Kristensen, T.; Rose-Olsen, K.; Skovsgaard, C.V. Effects of Point-Of-Care Testing in General Practice for Type 2 Diabetes Patients on Ambulatory Visits and Hospitalizations. *Int.J. Environ. Res. Public Health* 2020, 17, 6185.
 3. Charles, J.A.; Ahnfeldt-Mollerup, P.; Søndergaard, J.; Kristensen, T. Empathy Variation in General Practice: A Survey among General Practitioners in Denmark. *Int. J. Environ. Res. Public Health* 2018, 15, 433. (BFI:1) Impact factor:3.36 <http://www.mdpi.com/1660-4601/15/3/433> 6.
 4. Kristensen T.; Waldorff, F.B.; Nexøe, J.; Skovsgaard, C.V.; Olsen, K.R. Variation in Point-of-Care Testing of HbA1c in Diabetes Care in General Practice. *Int. J. Environ. Res. Public Health* 2017, 14, 1363. (BFI:1) Impact factor:3.36 <http://www.mdpi.com/1660-4601/14/11/1363>
 5. Kristensen T. Rose Olsen K, Schroll H, Thomsen JL, Halling A. Association between fee-for-service expenditures and morbidity burden in primary care. *The European Journal of Health Economics*. 2014 Jul;15(6):599-610.

Catherine Labinjoh

Catherine Labinjoh is a general cardiologist in NHS Forth Valley, Scotland and National Clinical Advisor to the Scottish Government for Realistic Medicine.

She graduated in Medicine from Edinburgh University and worked across Scotland and later in rural Africa where she first became interested in developing multi-professional working, patient safety and health governance. She is a graduate of the Scottish Quality and Safety Fellowship Programme and current Quality Governance Ambassador at the Royal College of Physicians in Edinburgh. She is actively involved in quality improvement and health governance work. She's passionate about person-centred care and building and providing care and services based around patients and families.

Jin Yong Lee

Dr. Lee is a professor in the Public Healthcare Center at Seoul National University Hospital and in the department of Health Policy and Management in Seoul National University College of Medicine. He had also served as the executive director of Health Insurance Review and Assessment Services (HIRA) Research Institute from 2020 to 2023. His research interests are Korean healthcare systems, quality of life, and the management of public hospitals. In particular, he is trying to find the reasons for malfunction of primary care, excessive competition among healthcare providers, and inefficiency in public hospitals. He is also focusing on the health problems of the vulnerable such as the disabled, teenagers, and mothers living in obstetric care underserved areas.

Publications

1. Yun J, Kang B, Lee JR, Lee H, Lee JY. Prevalence and severity of COVID-19 among children and adolescents with autism spectrum disorders in the Republic of Korea. *Autism*. 2023 Mar 19;13623613231160631. doi: 10.1177/13623613231160631. Epub ahead of print. PMID: 36935608; PMCID: PMC10030889.
2. Park H, Son MJ, Jung DW, Lee H, Lee JY. National Trends in Hospitalization for Ambulatory Care Sensitive Conditions among Korean Adults between 2008 and 2019. *Yonsei Med J*. 2022 Oct;63(10):948-955. doi: 10.3349/ymj.2022.0110. PMID: 36168248; PMCID: PMC9520050.
3. Lee H, Lee JR, Jung H, Lee JY. Power of universal health coverage in the era of COVID-19: A nationwide observational study. *Lancet Reg Health West Pac*. 2021 Feb;7:100088. doi: 10.1016/j.lanwpc.2020.100088. Epub 2021 Jan 22. PMID: 33521744; PMCID: PMC7826087.
4. Kim J, Yang KH, Choi AR, Kang MY, Kim HJ, Lee H, Lee JY. Healthcare quality assessments: no guarantees of same outcomes for different socio-economic stroke patients. *Int J Qual Health Care*. 2021 May 28;33(2):mzab081. doi: 10.1093/intqhc/mzab081. PMID: 33961032.

Chidalu Mbonu

Ms. Mbonu is an early-career public health practitioner and a Doctor of Public Health (DrPH) student at Loma Linda University. She attended The Dartmouth Institute for Health Policy & Clinical Practice, where she earned her Master of Public Health (MPH) degree.

Ms. Mbonu's interests include preventive care, chronic disease management, health systems improvement, health policy, child advocacy, and global health.

Eva Stensland

I have a background as a neurologist and have since 2012 worked in SKDE (Center for clinical documentation and evaluation) in Northern Norway Regional Health Authority. In SKDE we produce Health atlases, administer national clinical quality register and do research on health services. I am CMO and Head of Research in SKDE.

Publications

1. Kjærvik, Cato; Gjertsen, Jan-Erik; Stensland, Eva; Dybvik, Søreide, Odd: Patient reported outcome measures (PROMs) in hip fracture patients – consequences of bias? Data on 35,181 patients from the Norwegian Hip Fracture Register 2014-2018 (submitted The Bone and Joint Journal)
2. Kjærvik, Cato; Gjertsen, Jan-Erik; Stensland, Eva; Dybvik, Eva; Benth, Jurate; Søreide, Odd; The contribution of modifiable and non-modifiable risk factors to the substantial excess mortality after hip fracture. Data from the Norwegian Hip Fracture Register 2014-2018. The Bone and Joint Journal. 2022;104-B (7):884–893.
3. Kjærvik, Cato; Gjertsen, Jan-Erik; Engesæter, Lars; Stensland, Eva; Dybvik, Eva; Søreide, Odd; Waiting time for hip fracture surgery – effect of patient- and hospital-related factors on the postoperative mortality. Data on 37,708 operations reported to the Norwegian Hip Fracture Register 2014-2018. The Bone and Joint Journal. Vol 2 No 9 2021.
4. Kjærvik, Cato; Stensland, Eva; Byhring, Hanne Sigrun; Gjertsen, Jan-Erik; Søreide, Odd; Hip fracture treatment in Norway. Deviation from evidence-based treatment guidelines – causes and consequences. Data from the Norwegian Hip Fracture Register 2014-2018. The Bone and Joint Journal. Vol 1 No 10 2020.
5. Olsen, Monika; Halvorsen, Marianne; Søndena, Eirik; Langballe, Ellen; Bautz-Holter, E; Tessem, Silje; Stensland, Eva, Anke, Audny; How do multimorbidity and lifestyle factors impact the perceived health of adults with intellectual disabilities? Journal of Intellectual Disability Research. May 2021. doi: 10.1111/jir.12845

Thérèse A. Stukel, PhD

Thérèse A. Stukel, PhD, is a biostatistician focusing on health services and health policy research. She was statistical director of the Dartmouth Atlas of Health Care and co-authored two influential publications on the U.S. healthcare system demonstrating that higher healthcare spending did not lead to better outcomes, and a publication showing that in Canada, in contrast, higher spending hospitals was associated with better outcomes for acute care patients. Other research interests are the analyses of observational studies, particularly the use of instrumental variables to remove unmeasured confounding and survival bias.

Current research interests are on the effects of health system resources and organization on delivery of care and outcomes in Canada and the U.S., including international comparative studies. She created Ontario Multispecialty Physician Networks, virtual physician networks that mimic U.S. Accountable Care Organizations (ACOs) and has evaluating their efficiency (quality vs. costs) in managing patients with chronic disease. She received a Canadian CIHR Foundation Grant to work on prospectively predicting high need, high cost users of the health care system. She is using statistical machine learning techniques such as logistic LASSO, random forest and gradient boosted models to predict total spending over 1 year. She has published over 250 peer-reviewed articles in medical and statistical journals. She was nominated Fellow of the American Statistical Association in 2007.

Publications

1. Quinn KL, **Stukel TA**, Huang A, Abdel-Qadir H, Altaf A, Bell CM, Cheung AM, Detsky AS, Goulding S, Herridge M, Ivers N, Lapointe-Shaw L, Lapp J, McNaughton CD, Raissi A, Rosella LC, Warda N, Razak F, Verma AA. Comparison of medical and mental health sequelae following hospitalization for Covid-19, influenza, and sepsis. *JAMA Intern Med* 2023;183(8):806-817. <https://doi.org/10.1001/jamainternmed.2023.2228>
2. Landon BE, Hatfield LA, Bakx P, Banerjee A, Chen YC, Fu C, Gordon M, Heine R, Huang N, Ko DT, Lix LM, Novack V, Pasea L, Qiu F, **Stukel TA**, Uyl-de Groot C, Yan L, Weinreb G, Cram P. Differences in treatment patterns and outcomes of acute myocardial infarction for low- and high-income patients in 6 countries. *JAMA* 2023;329:1088-1097. <https://doi.org/10.1001/jama.2023.1699>

3. Rahman F, Guan J, Glazier RH, Brown A, Bierman AS, Croxford R, **Stukel TA**. Association between quality domains and health care spending across physician networks. PLoS One 2018; 13(4):e0195222. <https://doi.org/10.1371/journal.pone.0195222>
4. **Stukel TA**, Fisher ES, Alter DA, et al. Association of hospital spending intensity with mortality and readmissions in Ontario hospitals. *JAMA* 2012; 307(10):1037-45.
5. **Stukel TA**, Fisher ES, Wennberg DE, et al. Analysis of observational studies in the presence of treatment selection bias: effects of invasive cardiac management on AMI survival using propensity score and instrumental variable methods. *JAMA*. 2007;297(3):278-285.

Dominik von Stillfried

Dr. von Stillfried is CEO of the Central Research Institute for Ambulatory Health Care in Germany (Zi). He had been its Managing Director from 2008 till 2019. The Zi is the research institution of the Associations of Statutory Health Insurance Physicians and the National Association of Statutory Health Insurance Physicians (KBV) in the legal form of a foundation. The Zi focuses on care research with medical billing data and drug billing data of its sponsors, thereby covering roughly 90% of the population. From 1998 to 2008, Dr. von Stillfried headed the policy department of KBV. He joined KBV after working for a statutory health insurance company and a health insurance association. Dr. von Stillfried has been trained as an economist in Germany and UK with a focus on health economics.

Publications

1. Stillfried D. Toward a Digital Triage Platform for the German Healthcare System In: Spies C, Lachmann G, Heinrich M (Hrsg.) Mission – Innovation Telematics, eHealth and High-Definition Medicine in Patient-Centered Acute Medicine. Leopoldina Symposium, Berlin, February 28th and 29th, 2020. Deutsche Akademie der Naturforscher Leopoldina, Halle/Saale 2021. pp 121–126.
2. Mangiapane S, Czihal T, von Stillfried D: The utilization of ambulatory emergency care and unplanned hospitalizations in Germany, 2010–2019. Dtsch Arztebl Int 2022; 119: 425–6. DOI: 10.3238/arztebl.m2022.0160

Philipp Storz-Pfennig

*1965, Dr. hum. biol., MPH, McS Sociology. Work areas: Public-Health, Clinical Epidemiology, Health Services Research. Consultant for Health Technology Assessment, Health Services Research and Healthcare Epidemiology. Other interests include Meta-Epidemiology/Research Process Evaluation, Digital Applications and Artificial Intelligence use in Healthcare.

Publications

1. Storz-Pfennig P. Potentially unnecessary and wasteful clinical trial research detected in cumulative meta-epidemiological and trial sequential analysis. *J Clin Epidemiol.* 2017 Feb;82:61-70. doi: 10.1016/j.jclinepi.2016.11.003. Epub 2016 Nov 16.
2. Storz-Pfennig P. Germany: Geographic variations in health care. In: *Geographic Variations in Health Care. What Do We Know and What Can Be Done to Improve Health System Performance?* OECD 2014 (https://www.oecd-ilibrary.org/social-issues-migration-health/geographic-variations-in-health-care_9789264216594-en) (p. 245-246)
3. Storz-Pfennig P. Die neue Rolle der Versorgungsforschung – Kritische Analyse diesseits und jenseits des „Innovationsparadigmas“ [German] *A New Role for Health Services Research – Critical Analysis of the „Innovation Paradigm“*. Gesundheits- und Sozialpolitik (G&S). Vol. 7/2, 2017 (<https://www.nomos-elibrary.de/10.5771/1611-5821-2017-2-39/die-neue-rolle-der-versorgungsforschung-kritische-analyse-diesseits-und-jenseits-des-innovationsparadigmas-jahrgang-71-2017-heft-2>) (p. 39-44)
4. Storz-Pfennig P. Verringerung der Zahl potenziell problematischer Eingriffe während der Corona-Pandemie? – Exploration und Spurensuchen [German] *Reduction of Potentially Problematic Interventions in the Pandemic – An Exploration*. GKV 90%, February 2023 (https://www.gkv-90prozent.de/ausgabe/31/autorenbeitrag/31_eingriffe_corona-pandemie/31_eingriffe_corona-pandemie.html)

Julia Verne

Professor Julia Verne is a Medical Public Health Consultant who since 1995 has worked at local, regional, national, and international levels to improve the use of routine data to improve the population's health, focussing on inequalities in access and unwarranted variation in service quality. She leads the Atlases of Variation in Risk Factors and Healthcare for England. In 2010 she founded the National End of Life Intelligence Network for England. She is currently Lead for Clinical Epidemiology at the Department for Health and Social Care (Ministry for Health) in England and in addition to her teams working on the Atlases of Variation and End of Life Care, she also leads National Health Intelligence on Liver Disease, Mental Health and Dementia and Neurology. She has more than 100 Peer review publications, primarily in palliative care and liver disease and is on the Steering Committees of several research projects. She is co-supervisor for two PhD Students working on liver transplantation (University of London and Cambridge). She has Visiting Professorships at the University of the West of England and Tbilisi in Georgia. She is a visiting Clinical Researcher at the Princess Alice Hospice. In addition to her medical degree, she has an MSc and PhD in Epidemiology (University of London) and a PhD in Bioethics (University of Krakow) and Doctorate Honoris Causa in Business and Law (University of the West of England).

Ania Zylbersztejn

I am a population data scientist at the UCL Child Health Informatics Group and the NIHR Great Ormond Street Hospital Biomedical Research Centre. My research uses administrative records (hospital admission or primary care records, school census) to study health and educational outcomes of children and their families, with focus on children with complex or rare conditions. I am part of the HOPE study which investigates the impact of school provision for special educational needs on children's health and education using linked education and health data from the ECHILD database. My research interests also include international comparisons, child mortality, and adolescent health.

Publications

1. Zylbersztejn A, Stilwell PA, Zhu H, Ainsworth V, Allister J, Horridge K, Stephenson T, Wijlaars L, Gilbert R, Heys M, Hardelid P. Trends in hospital admissions during transition from paediatric to adult services for young people with learning disabilities or autism: Population-based cohort study. *Lancet Reg Health Eur*. 2022 Nov 8;24:100531. doi: 10.1016/j.lanepe.2022.100531.
2. Zylbersztejn A, Almossawi O, Gudka N, Tompsett D, De Stavola B, Standing JF, Smyth R, Hardelid P. Access to palivizumab among children at high risk of respiratory syncytial virus complications in English hospitals. *Br J Clin Pharmacol*. 2022 Mar;88(3):1246-1257. doi: 10.1111/bcp.15069.
3. Zylbersztejn A, Verfürden M, Hardelid P, Gilbert R, Wijlaars L. Phenotyping congenital anomalies in administrative hospital records. *Paediatr Perinat Epidemiol*. 2020 Jan;34(1):21-28. doi: 10.1111/ppe.12627.
4. Zylbersztejn A, Gilbert R, Hjern A, Wijlaars L, Hardelid P. Child mortality in England compared with Sweden: a birth cohort study. *Lancet*. 2018 May 19;391(10134):2008-2018. doi: 10.1016/S0140-6736(18)30670-6