

Annual Report 2023

Data Science Center in Health (DASH)

Embedding data science in the DNA of the UMCG

COLLABORATIONS INCUBATOR



- Participation in Health Council project 'Review Framework for Technology Use in Infectious Disease Control'
- Active participation in Dutch AI Coalition, AI Hub North Netherlands, Health-RI & National ELSA-Labs
- Growing collaboration with Jantina Tammes School of Digital Society, Technology and AI by appointing DASH expert Peter as Theme Coordinator Digital Health

IMPACT & OUTREACH



- Appearance at UMCG first Medical Public Academy on earlier detection of lung cancer
- DASH expert Peter recognised as one of the Top 50 Innovators of 2023 by Intelligent Health AI
- LinkedIn community expanded from 2000+ to 3000+ followers
- Numerous media appearances and lectures by DASH experts at home and abroad

EDUCATION



- First edition of the AIProHealth Winter School in Groningen & Tartu
- DASH Expert Peter appointed Professor of Artificial Intelligence (AI) in Radiotherapy
- Launching Science Truck themed "Your Technology of Tomorrow"
- Appointment of three junior lecturers in Data Science/AI & eHealth
- Report 'Exploration on faculty-wide health curriculum' completed

PROJECT SUPPORT



- Launch DASH IT Lab to support UMCG researchers in data science and IT
- DASH project call for 2024 launched at november 2023
- Start ChatGPT project group, leading to a policy note for UMCG's research and education domain

FUNDING OPPORTUNITIES



- Ongoing application for Groningen National Programme on Living Lab for accessible digital care
- Financial contribution received from Clinical Research and Education Fund (FKOO) for the implementation of two major innovative projects
- Preparation of a follow up application for Innovation Funds Academic Training UMCG

Preface

Rapid data-driven developments are currently (re)shaping healthcare and our society in general. For UMCG to become a world leader in data-driven healthcare innovation, we believe it is crucial to integrate these developments into our work processes. Keeping up with these promising and dynamic developments in data science, artificial intelligence (AI) and eHealth will also help us maintain the quality and accessibility of our care. Embedding data science in the DNA of UMCG is therefore our aspiration.

Last year, we took several steps in this direction. For instance, our DASH programme received funding from the 'UMCG Sector Plan funds' (provided by our Ministry of Education, Culture and Science) for a period of six years. This allowed us to convert several temporary appointments into permanent positions and we recruited three junior lecturers to develop and deliver education in the fields of data science/AI and eHealth. We also carried out an exploratory project for a UMCG-wide teaching line 'Data Science, AI and eHealth' and made recommendations to the Dean of Education.

The introduction of ChatGPT in late 2022 also caused a stir in 2023. Therefore, on 23 March, in collaboration with the UMCG Impact Team and other departments within UMCG Research, we organised a meeting on the use of ChatGPT in scientific writing. We also started a ChatGPT project group to develop general rules for the use of ChatGPT and other Large Language Models (LLMs) for research at UMCG. These rules are currently being supplemented for education, training and care.

Another important milestone was the official kick-off of the ELSA AI lab North Netherlands during the AI conference 'AI with common sense' of the AI Hub North Netherlands (28 September 2023, Forum Groningen) and the festive unveiling of the revamped science truck (Faculty of Science and Technology, University of Groningen) with the addition of the programme 'Your Technology of Tomorrow'.

In the field of research, we continued to supervise and support various projects and studies, often in close cooperation with colleagues from inside and outside the UMCG.

You can find more details about our activities in our annual report.

[Michiel Hooiveld](#)
Programme Manager a.i.



Embedding data science in the DNA of the UMCG

Introduction

In today's landscape, the exponential growth of health data, both in quantity and diversity, offers substantial opportunities for insights of great value to medical professionals, patients, the wider healthcare community, researchers and the general public. The application of increasingly sophisticated data science and AI techniques is necessary to effectively collect, analyse and interpret this vast wealth of information. UMCG's Data Science Center in Health (DASH) was established in 2019, with an unwavering belief in the transformative potential of data science and its ability to innovate healthcare.

DASH, as a comprehensive UMCG-wide programme, is strategically positioned to accelerate the integration of data science, machine learning (ML), AI and eHealth initiatives and increase their impact. In line with UMCG's overarching vision, DASH actively seeks collaboration with various partners at regional, national and international levels. This joint approach focuses on continuous improvement and pushing boundaries, ensuring a sustainable trajectory for the future of health.

In alignment with the [approved sector plan Medicine and Health Sciences 'Accelerating Health'](#) by the Ministry of Education, Culture and Science, we are pleased to announce that DASH has been allocated Sector Plan funds for the next six years (2023-2028). This significant endorsement ensures the continuity of our activities, providing a robust foundation for the strategic initiatives outlined in this report.



Embedding Data Science in the DNA of the UMCG

To translate that vision into activities, we work along five strategic lines. Each strategic line is led by a DASH expert, who is committed to moving UMCG forward in his or her specific area. These experts are experienced researchers and opinion leaders in their field.

DASH is dedicated to ensuring that UMCG is at the forefront of data-driven care innovation. Our goal is to harness the power of data-driven strategies for prevention and care by fostering knowledge exchange, cultivating communities and initiating project initiatives. We integrate these principles at the heart of UMCG's mission, using state-of-the-art facilities and maintaining global connections. With our expertise in population and patient-centred cohort data, we bridge the gap between research and clinical application and foster collaboration with external partners.

Strategic focus

To achieve our vision, we follow five strategic lines, each led by a DASH expert - an experienced researcher and thought leader in the industry committed to advancing UMCG in his or her field.



Machine Learning | Peter van Ooijen

Focused on advanced machine learning technologies, including federated learning and synthetic data, to foster collaboration.



Clinical Application of AI | Job Doornberg

Addressing technical, organisational, and legal challenges in implementing AI in clinical settings, with a focus on creating streamlined solutions for improved patient care and medical decision-making.



eHealth | Esther Metting

Bridging the gap between data science development and practical use through effective and accessible regional and clinical embedding of innovations.



Clinical Cohort Data | Rozemarijn Vliegthart

Ensuring high-quality data as the basis for data science through involvement in various clinical and population-based cohort studies.



ELSA AI Lab Northern Netherlands | Mirjam Plantinga

Committed to ensuring ethical and human-centred approaches in the development of artificial intelligence in healthcare.

To make the strategic lines operational, DASH undertakes a wide range of activities on a daily basis.

Collaborations Incubator



Over the past year, our efforts within the Collaborations Incubator theme have resulted in significant outcomes and collaboration milestones. For instance, we have expanded the AI Hospital board game to include an additional patient journey focused on radiotherapy, and conducted many fruitful workshops with it. In addition, Esther Metting's active involvement in the Health Council project, in particular the 'Review Framework for Technology Use in Infectious Disease Control', fits well with our commitment to shaping technological advances for public health.

Our involvement extends to the Dutch AI Coalition, AI Hub North Netherlands, Health-RI and the national ELSA Labs where we actively participated and contributed to the broader debate on the application and ethical and societal implications of artificial intelligence in healthcare. Moreover, our collaboration has expanded with the Jantina Tammes School of Digital Society, Technology, and AI. This growth was exemplified by the appointment of DASH Expert Peter as Theme Coordinator for Digital Health, strengthening our commitment to advancing the intersection of technology and healthcare.

Impact & Outreach



DASH experts were actively involved in numerous media appearances in 2023, contributing to increased visibility, and our LinkedIn page surpassed 3,000 followers. Participation in the first episode of the UMCG's revamped Medical Public Academy highlighted our impact on public awareness, with an emphasis here on earlier detection of diseases with AI. Our contributions extended beyond academia, with highlights including Job Doornberg receiving the prestigious Anna Prize for pioneering research and Peter van Ooijen receiving tremendous recognition as one of the Top 50 Innovators of 2023 by Intelligent Health AI.

We engaged in a dialogue on AI in healthcare with different target groups, using our serious board game AI+Hospital. Major educational projects took place in 2023 such as the revamped science truck (Faculty of Science and Engineering, University of Groningen) with the launch of the brand new programme 'Your Technology of Tomorrow' led by Mirjam Plantinga. Our experts also contributed to episodes of RTV Drenthe and RTV Noord, which highlighted our commitment to knowledge dissemination and community involvement.

Education



We kicked off the year with a broadcast of UMCG's revamped Medical Public Academy, in which DASH experts Peter and Rozemarijn talked about the role of AI in early disease detection. We recruited three junior lecturers in Data Science/AI and eHealth, strengthening our educational initiatives, organised the education symposium 'Digital Healthcare Education: a step to the future' and completed the report 'Exploration on faculty-wide digital health curriculum' funded by Innovation funds Academic Training UMCG.

Our educational outreach extended to guest lectures, webinars and international conferences, including presentations at the European Respiratory Society and the European Society of Cardiovascular Radiology. DASH Expert Peter was officially appointed professor of AI in Radiotherapy in 2023, to be followed up with his inaugural lecture in 2024. We continued to foster collaboration and knowledge exchange through conferences, summer courses and events. Looking ahead, the launch of the 'Your Technology of Tomorrow' programme and the AIProHealth Winter School Data Science & AI in Healthcare (Groningen/Tartu) reinforce our commitment to shaping the future of AI education in healthcare.

Project Support

In the area of 'Project Support', we have achieved remarkable milestones in the past year. In January, for instance, we initiated the ChatGPT working group within the UMCG, led by Thijmen Kupers. This collaboration resulted in a policy recommendation for the research domain. In addition, the research working groups 'Sensing and Monitoring' and 'Robotics in Healthcare' were officially launched.



In September, we proudly launched the DASH IT Lab, a knowledge hub supporting healthcare researchers in innovative data science and IT projects. This facility serves as a crucial support system for projects and solutions and as a knowledge centre where IT, data science, ML and AI needs are matched with available expertise.

Although there were no DASH projects this year, we are well prepared for the year ahead and eagerly look forward to the submission and support of new projects through the DASH Project Grant initiative, which provides dedicated data science support to promising research within the UMCG.

Funding Opportunities

Under the banner of the Innovation Project FKO, working groups supported by Michiel Hooiveld delved deeper into 'Sensing and Monitoring' and 'Robotics in Care' in 2023. These initiatives focused on formulating sustainable strategies for deploying sensor/monitoring technology and care robots within nursing departments, with a focus on reducing workloads and creating more time for patient care.



Thijmen Kupers spearheaded another FKO innovation project, strategically investing in the 'Purchase of a growth licence to gain experience in using and evaluating ChatGPT'. This project aimed to assess ChatGPT's capabilities in writing grant applications and scientific manuscript tasks, exploring the possibilities of responsible use. Another notable achievement was the submission of a project application for the Living Lab accessible digital care, led by DASH Expert Esther Metting. This initiative focused on improving the accessibility of digital care solutions, contributing to the advancement of patient-centric technologies.

The AIProHealth project, led by Peter van Ooijen and daily managed by Rik Wisselink, received substantial support. Both a UMCG FKO grant and an EIT grant were secured, enabling the development of a Dutch version of the MOOC, expansion of the serious game and the development of a winter school in both Groningen and Tartu.

Facilities

To support our strategic goals, we have developed key facilities. We explain them below.

AI Think Tank

Our [AI Think Tank](#) brings together thought leaders in the field of AI and offers ideas and advice on AI policy in research and clinical practice. The IT Lab initiative has its origins in the Think Tank.

Machine Learning Lab

The Machine Learning Lab brings together a community of over 100 data science enthusiasts who share knowledge and solutions to machine learning challenges. In 2023, there were bi-weekly meetings and a seminar on 'How to market your AI' with startup guest speakers.

ELSA AI Lab Northern Netherlands (ELSA-NN)

[ELSA-NN](#), a consortium led by Mirjam Plantinga, focuses on the ethical, legal and societal implications of AI in healthcare, involving 24 quadruple helix partners. Public activities such as interactive AI cafés and workshops were organised in 2023, including the launch of 'Your Technology of Tomorrow' in the science truck, a milestone for the years to come.

IT-Lab

The DASH IT Lab, officially launched in 2023, supports healthcare researchers in innovative data science, AI and eHealth projects. It provides IT facilities, including high-performance workstations and public cloud services, with future developments through public-private partnerships.

Communities

DASH recognises that progress in data science thrives in diverse communities. By being visible at meetings and conferences, DASH connects people, facilitates knowledge sharing and expands networks. We unite data science, AI and eHealth communities within the UMCG.



The DASH team

DASH team members work part-time, as they also have different roles in the UMCG. Despite the limited time available, significant results have been achieved by 2023.

- [Michiel Hooiveld](#) - Programme manager a.i.
- [Frank Schröer](#) - Advisor
- [Natasha Maurits](#) - Advisor
- [Peter van Ooijen](#) - Expert Machine Learning | Machine Learning Lab Coordinator
- [Esther Metting](#) - Expert eHealth
- [Rozemarijn Vliegenthart](#) - Expert Clinical Cohort Data
- [Job Doornberg](#) - Expert Clinical Application of AI
- [Mirjam Plantinga](#) - Project Leader ELSA AI Lab Northern Netherlands
- [Bart Scheerder](#) - Business Developer
- [Noha el Baz](#) - Lecturer and Education Coordinator
- [Jan Jurjen Uitterdijk](#) - Project Portfolio Manager
- [Johanneke Wijbenga](#) - Secretary
- [Femke van der Bij](#) - Communication Officer
- [Rik Wisselink Bijker](#) - Junior Lecturer
- [Eline Meijer](#) - Data Scientist
- [Thijmen Kupers](#) - Data Scientist



Appendix - List of DASH activities 2023

COLLABORATIONS INCUBATOR

- Expansion of AI Hospital serious board game with an additional patient journey on Radiotherapy
- Participation of DASH Expert Esther in Health Council project 'Review Framework for Technology Use in Infectious Disease Control'
- Active participation in national ELSA labs & AI Hub North Netherlands
- Growing collaboration with Jantina Tammes School of Digital Society, Technology and AI by appointing DASH Expert Peter as Theme Coordinator Digital Health
- Jan - DASH/UMCG joined as a member of TTT-AI
- 24 Jan - Delegation from the Ministry of Health, Welfare and Sport visits Lifelines & UMCG. DASH expert Rozemarijn talks about ImaLife and the importance of large-scale data research
- 3 – 26 Feb - Participation in Northern AI Parade with various activities
- 3 Feb - Symposium DASH & Hanze University of Applied Sciences
- 15 Feb - Interactive AI in Healthcare café at the Library in Haren (Bart Scheerder, Thijmen Kupers, Rozemarijn Vliegenthart, Mirjam Plantinga)
- 16 Feb - Machine learning workshop at DNK (De Nieuwe Kolk)
- 22 Feb - DASH event: Sustainable implementation of e-health in daily clinical practice
- 22 Feb - Interactive AI in Healthcare café at Forum Groningen (Mirjam Plantinga, Thijmen Kupers)
- 23 Feb - DASH event: Software as a Medical Device: from research and in-house development to broad implementation under the new Medical Device Regulation
- 26 Feb - DASH expert Peter appointed the new president of EUSOMII - European Society of Medical Imaging Informatics for the 2023-2024 term
- 23 March - "Scientific Writing with ChatGPT" DASH Symposium at UMCG
- March 30 - Very first Machine Learning Lab (MLL) seminar on 'How to market your AI'
- April 4 – FMIR conference "the Future of Medical Imaging and Radiotherapy". Presentation on "AI in de beeldvorming" and Google Teachable Machine workshop by Peter van Ooijen. Serious game session with 5 groups of participants.
- April 11 – Lecture by Peter van Ooijen at Retraite Genetica on AI in Big Data Research
- April 12 – Mirjam Plantinga Session leader AI solutions via ELSA labs at the NLAIC conference in Utrecht
- April 14 – DASH Introduction by Peter van Ooijen at GUIDE Research Day
- April 17 – PI Digital Health Programme introduction by Peter van Ooijen at KOLFF days 2023
- April 18 – Bart Scheerder & Job Doornberg speak at Healthcare Innovation Platform Webinar (Pfizer)
- April 20 – AIHospital Workshop at event by Samenwerking Noord on working with data in practice
- May 10 – Matchmaking FSE, UMCG, Janssen. Bart Scheerder as moderator and Peter van Ooijen presented on "Enabling clinical research through data science"
- June 10 - Machine learning workshop at Open Day UMCG
- June 13 – Hanze MLC ChatGPT – Na een roerig jaar de toekomst tegemoet (Thijmen Kupers)
- June 13 – Presentation by Mirjam Plantinga on "The use of AI in variant interpretation in newborn screening: Professionals' perspectives" at European Society of Human Genetics conference, Glasgow
- June 16 – Workshop at HTRIC symposium
- June 22 - Transatlantic symposium Orthopaedic Trauma Innovation, organised by DASH Expert Job
- June 23 - Inaugural lecture Job Doornberg: Only together. DASH Expert Job talks about the importance of patients and healthcare providers coming together to determine whether AI-driven decision support is useful and desirable.
- June 27 – FMS event, presentation by Peter van Ooijen on "AI Expertise Centrum DASH"
- June 28 – Mirjam Plantinga is Keynote speaker at the "AI: People vs Tech" event by theFactor.e in DOT, Groningen
- Sept 13-14 - Intelligent Health AI conference. DASH Expert Peter, led an engaging panel discussion on health equity and AI.
- Sept 28 - Northern AI conference, organised by the ELSA AI lab Northern Netherlands (Mirjam Plantinga) and the AI hub Northern Netherlands with a focus on responsible use of AI, a key-note presentation from Mirjam Plantinga and an engaging breakout session, "AI in Healthcare: Ethical Dilemmas and Opportunities for the Use of Sensing, Monitoring, and Robotics Technology."

- Sept 28 - The deans of UMCG and FSE, Wiro Niessen and Joost Frenken, signed the contract for the incorporation of the 'Your Technology of Tomorrow educational programme' in the Science Truck, an initiative led by the ELSA AI lab Northern Netherlands (Mirjam Plantinga) aimed at engaging young people in the Northern Netherlands with AI
- Sept 30 - Exciting Zernike during Groningen's Weekend of Science. In the revamped Science Truck 'Your Technology of Tomorrow', children could experiment with a simple machine learning model during an interactive workshop
- Oct 13 - National Knowledge Exchange Workshop on AI in Healthcare
- Nov 10 – DASH Expert Esther participated in panel discussion on the role of digitisation and healthcare costs at NVMO oncology days
- Dec 12 - Demo of a secure ChatGPT instance in Azure for the UMCG end-of-year management meeting. Showing the potential of LLM for research by Thijmen Kupers and Michiel Hooiveld
- Dec 14 - GGZ Drenthe End of Year Symposium "AI in psychiatry: dystopia or utopia?" opening lecture on "Artificial Intelligence in Healthcare: Innovations and Possibilities." by Peter van Ooijen

IMPACT AND OUTREACH

- Numerous media appearances by DASH experts
- The LinkedIn account has expanded from over 2,000 to more than 3,000 followers
- DASH expert Peter recognised as one of the Top 50 Innovators of 2023 by Intelligent Health AI
- [Appearance in first episode of revamped UMCG Medical Public Academy on earlier detection of lung cancer](#)
- [Publication blog by Thijmen Kupers 'ChatGPT, write an article about ChatGPT'](#)
- [UMCG news release on 'NWO grant for Healthy AI Lab: Improved detection and treatment of prostate cancer'](#)
- [UMCG news release on 'New research programme 'Digital Healthcare' to boost collaboration and digital innovations in healthcare'](#)
- [Embedding data science in the DNA of the UMCG | 2022 highlights and milestones video](#)
- [Prestigious Anna prize for pioneering research awarded to Job Doornberg](#)
- [Driving the dialogue on AI in healthcare with serious boardgame AI+Hospital](#)
- [Is artificial intelligence changing hospital care?](#)
- [Newcomers enrich science](#)
- [Human in the AI Loop | Webinar 4 October](#)
- [Introducing AI knowledge to youth in the Northern Netherlands](#)
- [New IT Lab offers UMCG researchers support in the field of data science and IT](#)
- ['Jouw Technologie van Morgen' onderwijsprogramma brengt AI-kennis naar jongeren in Noord-Nederland - Groningen](#)
- [Rijksuniversiteit Groningen start lessen voor kinderen over AI - RTV Noord](#)
- [De coronaboete: vrouwen in de wetenschap op achterstand \(ukrant.nl\)](#)
- [Anna Prijs voor orthopedisch chirurg Job Doornberg - Skipr](#)
- [Netwerk AI: Hoe komen we tot succesvolle implementatie? | Federatie Medisch Specialisten \(demedischspecialist.nl\)](#)
- [Hoe kan kunstmatige intelligentie helpen om longkanker eerder op te sporen? \(umcg.nl\)](#)
- [AI-tool herkent alveeskliekkanker in vroeg stadium \(icthealth.nl\)](#)
- [Toetsingskader Ingebruikname Technologie bij Infectieziektebestrijding | Publicatie | Rijksoverheid.nl](#)
- [AI gets major role in personal health](#)
- [Tailored lifestyle advice or a computer that looks at your lung photos: AI can do it all - RTV Drenthe](#)
- [AI in an episode on RTV Drenthe: Mirjam Plantinga](#)

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EDUCATION

- Recruitment of three junior lecturers in Data Science, ML and eHealth in Health
- Feb - Exploration project 'Exploration on faculty-wide digital health curriculum' funded by Innovation funds Academic
- Training UMCG started
- March - Lecture by Mirjam Plantinga on responsible use of AI in health for KNMG district North
- March 20 – Kick-off of the Digital Health research programme of the KOLFF research institute
- March 24 - Lecture innovation management and organisational change for that training strategic leadership for medical specialists by DASH Expert Esther
- March 28 - Broadcast of UMCG's Medical Public Academy, in which DASH experts Peter and Rozemarijn explain how AI can help detect diseases such as lung cancer earlier: Hoe kunstmatige intelligentie longkanker helpt opsporen | Medische Publieksacademie - YouTube
- April 18 - Guest lecture, eHealth for MBA health master students University of Groningen by DASH Expert Esther
- May 8 - Honours College evening on AI with DASH Expert Rozemarijn
- May 9-13 - European Respiratory Society in Milan, ERS meets ESTI. Lectures by DASH Expert Rozemarijn on "Artificial intelligence in thoracic imaging: what is AI and where do we stand?" and "AI and detection, classification and prognosis of thoracic malignancies"
- May 16 - International primary care respiratory group "Access to health care is a human right: a focus group study in COPD patients regarding eHealth accessibility" by DASH Expert Esther
- May 17th, European Society of Cardiovascular Radiology (ESCR) webinar (RV): AI in cardiovascular imaging: CT by DASH Expert Rozemarijn
- June 1 – "Supporting health by technology" Conference – Session on Opinions of COPD patients regarding digital care by DASH Expert Esther
- June 8 - AI Hospital workshop at ISCOMS Groningen 2023, The International Student Congress Of (bio)Medical Sciences.
- June 27 – ChatGPT for ELZ department. A research meeting about proper use and use cases of ChatGPT in research. Lecture by data scientist Thijmen Kupers.
- June 29 - Artificial Intelligence and Machine learning in Cancer imaging 3.0 in Lisbon, organised by International cancer imaging society. Lecture by DASH Expert Rozemarijn on Lung nodule evaluation during session on Cancer Imaging AI Tools for Healthcare Improvements: Where is the Evidence?
- July 10-14 - Summer school Planetary health; epidemiology and digital health. DASH Expert Esther together with campus Fryslan
- July 16 – 22 Successful 3rd edition of Summer School Data Science & AI in Healthcare in Groningen, The Netherlands
- Aug 1 - DASH Expert Peter appointed Professor of Artificial Intelligence (AI) in Radiotherapy at the Radiotherapy Department of the UMCG. His primary research direction revolves around the use of machine learning and deep learning in the field of medical imaging, in the critical areas of disease detection, segmentation, diagnosis, treatment and prognostics.
- Sept 9 – Data scientist Thijmen Kupers provided an educational session for general practitioners in training of LOVAH/ LHK, teaching about the impacts of ChatGPT and LLMs in healthcare.
- Sept 11 - European respiratory society: "Access to healthcare is a human right column", A focus group study in COPD patients regarding your health accessibility by DASH Expert Esther
- Sept 14 – Providing workshop about prompt engineering by Data scientist Thijmen Kupers. Showing the potential and pitfalls of writing prompt for a LLM
- Sept 15-17 -5th Cardio Summit in Graz. Lecture by DASH Expert Rozemarijn on AI in cardiac imaging – static and moving pictures
- Sept 22 – Creating workshop content for the NHG wetenschapsdag for prof. Dr. Marco Blanker of the ELZ department about AI in healthcare research using the ChatGPT API to cluster research abstracts.
- Sept 30 - Launch of Your Technology of Tomorrow' programme in the Science Truck
- Sept 30 – Machine Learning Workshop at Zpannend Zernike

- Exploratory project for UMCG learning line Data Science, AI and eHealth launched
- Sept 28 – 5 Oct - Presentations by Michiel, Thijmen and Mirjam during the Oldehove course for GPs and medical specialists at Leeuwarden Medical Centre (MCL) on the digitisation of healthcare.
- Oct 3 - Symposium 'Digital Healthcare Education: a step to the future' by Noha el Baz. Presentation by Peter van Ooijen on "AI Education at DASH"
- Oct 4 – DASH Webinar on "Human in the AI Loop" with guest speaker Christos Emmanouilidis, hosted by Bart Scheerder
- Nov 6 – 9 – Peter van Ooijen lectured at the module "Introduction to AI for radiographers" at City University London
- Nov 30 – Peter van Ooijen lectured on "AI in Research" at the research meeting Interne Geneeskunde UMCG
- Dec 3 – 8 -First edition Winter School Data Science & AI in Healthcare
- Dec 5 - report 'Exploration on faculty-wide digital health curriculum' funded by Innovation funds Academic Training UMCG completed
- Dec 15 – Guest lecture "More healthy life years by using technology" by DASH Expert Esther. University college Groningen.

PROJECT SUPPORT

- March - Start ChatGPT working group within UMCG, led by Thijmen Kupers, leading to a policy note for the research domain
- June 8 - UMCG research Working Groups 'Sensing and Monitoring' and 'Robotics in Healthcare' officially kicked off
- Sept - Launch of the IT-Lab, a knowledge center that will support healthcare researchers in innovative projects in data science and IT. The IT Lab will serve as support for projects and solutions, as well as a knowledge centre where supply and demand in IT and data science are matched.
- April - Invited expert, ENLIGHT European Dialogue: Digital Innovation in Health & Wellbeing Galway, Esther Metting

FUNDING OPPORTUNITIES

- Innovation project FKO0 - Working groups 'Sensing and Monitoring' and 'Robotics in Care' (project leader: Michiel Hooiveld). Goal: formulate a strategy for sustainable deployment of sensor/monitoring technology and (care) robots within nursing departments, so that the workload decreases and (care) staff have more time for the patient.
- Innovation project FKO0 - 'Purchase of growth licence to gain experience with the use and evaluation of ChatGPT' (project leader: Thijmen Kupers). Aim: to evaluate whether ChatGPT can be helpful when writing grant applications and/or writing/summarising scientific manuscripts. Is responsible use possible?
- NPG application Living Lab accessible digital care. Project leader DASH Expert Esther (deadline 1 March 2024)
- AIProHealth project to build educational content has been extended by both a UMCG FKO0 grant to develop a Dutch version of our MOOC and to extend our serious game and by an EIT grant to develop the summer/winter school into a full 5EC programme over a period of three years. (project leader: Peter van Ooijen, daily management: Rik Wisselink)
- Preparation of a follow-up application for Innovation funds Academic Training UMCG
- Application for new funding for the AI Hub North Netherlands

