



**HOUSE OF INNOVATION
STOCKHOLM SCHOOL OF ECONOMICS
2021: THE YEAR IN REVIEW**



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THE YEAR IN REVIEW

Reaching new heights during ongoing pandemic uncertainty.

This review outlines the 2021 activities and events of the House of Innovation (HOI) at the Stockholm School of Economics (SSE). The aim of HOI is to create a world-class research environment that nurtures strong disciplinary cores and captures interdisciplinary opportunities. We believe that such an environment is research-led, interdisciplinary, and impact focused. With these three factors mutually reinforcing each other, we can contribute to creating higher positive impact for business and for society at large.

In the first years of operation (2018-2020), we laid a foundation of excellence in research, teaching, and outreach. In 2021, HOI began the transition from being a new and exciting "start-up" research environment to increasingly becoming recognized as one of the premier research environments in Europe within the areas of entrepreneurship, innovation, and digitalization. We have come a long way, and we have more exciting things to do.

HOI's researchers have proven their global attractiveness and ability to do ground-breaking research by frequently publishing in top journals and attracting funding for individual and team research initiatives with collaborators in other universities. In 2021, we acquired 14 new research grants. This success enables exciting new research opportunities and helps to extend the reach, longevity, and impact of our funding from donors.

We have expanded our research practice, increased our contributions to SSE in terms of teaching new and exciting courses, and engaged professionals and academics in Sweden and across the world through our outreach program.

We are proud to note that the achievements of HOI have been highly advantageous for SSE and its ability to achieve its mission to:

*Strengthen Sweden's Competitiveness
Through Research and Science-Based Education.*

Our achievements would not have been possible without our primary donors' generous and ongoing contributions: The Erling-Persson Foundation, the donors of the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development, and Scania (The Scania Center for Innovation and Operational Excellence).

In 2021, we also took new strides in developing the range and scale of HOI, which in 2022 will manifest in new appointments and focused activity areas.

We are proud and grateful for having been given the opportunity to generate world-class research, education, and outreach and continue to work every day to meet and exceed expectations.



THE RESEARCH ENVIRONMENT

HOI is an interdisciplinary research, education, and outreach environment focused on entrepreneurship, innovation, and digitalization. The academic core of HOI is SSE's Department of Entrepreneurship, Innovation, and Technology (DEIT), which brings together approximately about 70 full-time researchers and staff, including Ph.D. students and the operations team. In addition, HOI hosts Affiliated Research Fellows and Visiting Professors.

HOI scholars are deeply involved in all levels of teaching at SSE, from bachelor and master programs to Ph.D. and executive education. Further, we have extensive collaborations with SSE Business Lab (SSE BL) and Stockholm School of Entrepreneurship (SSES) and are represented on their boards.

Our research centers are essential to HOI:

The Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development (instituted in 2017 and becoming part of the House of Innovation in 2018) focuses on how companies can thrive long-term and create sustainable growth through innovations, product improvements, and sustainable investments.

The Scania Research Center for Innovation and Operational Excellence allows us to explore innovative product development and operations and new business models for the future of transportation ecosystems, together with one of the major players in the transportation industry.

The Garden – Center for Design and Leadership, focuses on the intersection of design and leadership challenges to support the next generation of leaders looking for innovative directions to achieve a meaningful and sustainable future.

Center for Data Analytics undertakes applied, theoretical and simulation-based research in statistics, econometrics, and data science with a business administration, economics, and finance focus.

Two additional research centers/platforms serve as a basis for collaborating with other research partners:

The MISUM platform: Sustainable Business Development through Entrepreneurship and Innovation: Business transitions for the benefits of society, focuses its research on how entrepreneurship and innovation can work to support business – both commercial and social – and their stakeholders and how to engage commercial actors and non-market actors to collectively contribute knowledge, experiences, and resources to provide solutions for sustainable business development.



The Swedish Center for Digital Innovation, Stockholm (SCDI Sthlm), serves as the Stockholm node in a national research partnership with the University of Gothenburg and Umeå University, consisting of over 50 scholars researching digital innovation and transformation.



HOI views academic collaboration as essential for interdisciplinary research opportunities and excellence. We are proud to collaborate with the following:

Vision Zero Cancer (Nollvision Cancer) is an innovation environment (or milieu) hosted by the House of Innovation and pursuing transformative innovation in the cancer prevention and treatment space. We are involved in supporting the development of the milieu as well as conducting research on its development from an innovation ecosystem and goal framing perspective.



In 2021, HOI became part of the **Wallenberg AI, Autonomous Systems and Software Program – Humanity and Society (WASP-HS)** research program. We are expanding our research into AI and algorithmic phenomena with new research projects on AI governance and AI in the legal sector, with additional tenure track faculty and Ph.D. students expected to join HOI in 2022 and 2023.

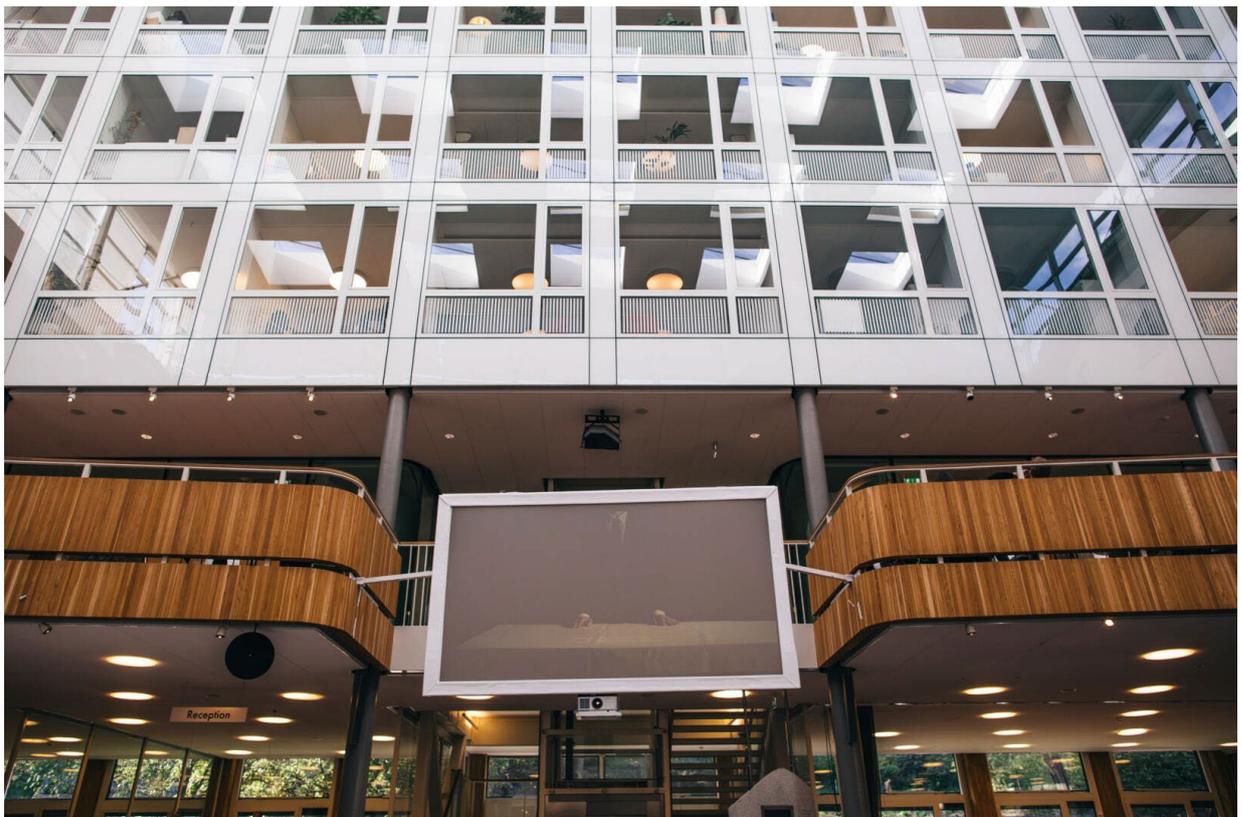
Another strategic collaboration is with **Cambridge Digital Innovation**, a knowledge hub developing and exchanging knowledge on the digital revolution.

We are also members of **AI Sweden** – Swedish National Center for Applied Artificial Intelligence.

WASP-HS



AI
SWEDEN



SUMMARY OF 2021 HIGHLIGHTS

Research highlights in top-ranking academic journals



- Lamine, W., Anderson, A., Jack, S. L., & Fayolle, A. (2021). Entrepreneurial space and the freedom for entrepreneurship: Institutional settings, policy, and action in the space industry. *Strategic Entrepreneurship Journal*, 15(2), 309–340. <https://doi.org/10.1002/sej.1392>
- Criaco, G., van Oosterhout, J. (Hans), & Nordqvist, M. (2021). Is blood always thicker than water? Family firm parents, kinship ties, and the survival of spawns. *Journal of Business Venturing*, 36(6), 106161. <https://doi.org/10.1016/j.jbusvent.2021.106161>
- Raisch, S., & Krakowski, S. (2021). Artificial Intelligence and Management: The Automation–Augmentation Paradox. *Academy of Management Review*, 46(1), 192–210. <https://doi.org/10.5465/amr.2018.0072>
- Essén, A., Knudsen, M., & Alvesson, M. (2021). Explaining Ignoring – Working with Information that Nobody Uses. *Organization Studies*, 00(0), 1–23. <https://doi.org/10.1177/0170840621998720>

Research awards and acknowledgments



- Mattias Nordqvist was ranked the 7th most influential and productive scholar in the “Family Firm” research field during the last decade in an article in the *European Journal of Family Business*.¹
- Martin Sköld, Åke Freij, and Johan Frishammar were awarded Best Paper 2020 for their paper “New Entrant or Incumbent Advantage in Light of Regulatory Change: A Multiple Case Study of the Swedish Life Insurance Industry”, published in *European Management Review*.
- Roberto Verganti won the 2020 Albert Page Award for Outstanding Professional Contribution, and together with co-authors Luca Vendraminelli (University of Padova) and Marco Iansiti (Harvard Business School), was awarded the 2020 Best Paper Award by the *Journal of Product Innovation Management*.
- Pär Åhlström, Mattia Bianchi, Anders Richtnér, and Keith Goffin’s article “State-of-the-Art: The Quality of Case Study Research in Innovation Management” was certified by the *Journal of Product Innovation Management* as a top-cited article.

Publication statistics



- In 2021, researchers with HOI as their primary affiliation (excluding visiting professors and affiliated researchers) published 45 articles in 36 journals, with 14 in the highest-ranked journals (FT50, AJG4*, and AJG4).

Outreach highlights:



- HOI organized its major annual event, the conference “Hybrid Futures: The blending of AI and ‘digital’ into life, work, and society”, as part of the national program of events Digitalidag. The event had 14 speakers, six SSE moderators, and almost 600 registered attendees worldwide participating in lively discussions about hybridity.
- HOI presented “Reframe to Restart”, the second annual Dialogues at the Garden. The event held at HOI featured nine speakers from academia and the private, public, and NGO sectors and almost 400 registered attendees.

Research funding



- HOI’s researchers attracted 14 new research grants for individual and collective research initiatives. This success proves our attractiveness as a research environment, enables exciting new research opportunities, ensures that our donor funding lasts longer, and allows us to recruit postdoctoral fellows.

Recruitment



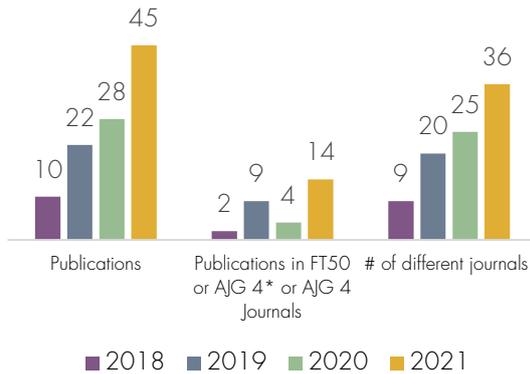
- HOI recruited outstanding new researchers, including two assistant professors, five postdoctoral fellows, and seven Ph.D. students.

¹ Aparicio, G., Ramos, E., Casillas, J.-C., & Iturralde, T. (2021). Family Business Research in the Last Decade. A Bibliometric Review. *European Journal of Family Business*, 11(1). <https://doi.org/10.24310/ejfbefjfb.v11i1.12503>

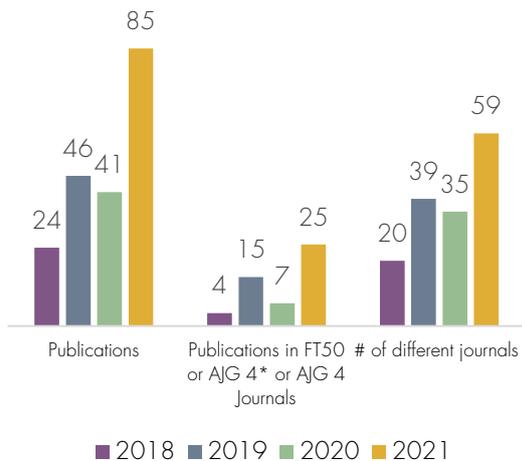
RESEARCH

HOI researchers remain highly productive and successful in publishing in top journals. In 2021, HOI researchers published 45 articles in 36 journals, with 14 in the highest-ranked journals (FT50, AJG4*, and AJG4).

HOI Core



HOI Environment



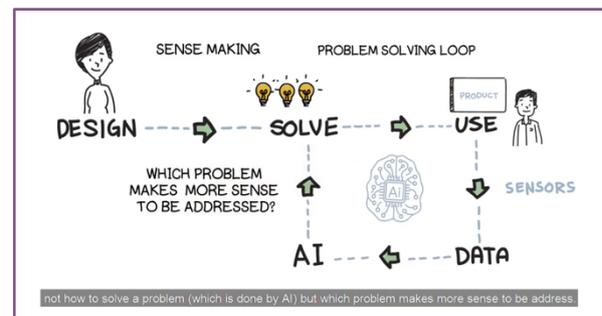
* HOI Core means faculty and researchers with SSE as primary affiliation, and HOI Environment encompasses core and affiliated researchers and fellows. NB. Publication counts reflect HOI's database populated from Google Scholar, Scopus, and Web of Science. Figures are subject to corrections due to improved reporting, and some discrepancies may occur from year to year.

HOI's **Sarah Jack** edited the book "Palgrave Handbook of Family Firm Internationalization" and co-authored two of its chapters, and **Mattias Nordqvist** co-authored one chapter of the book. Also, **Roberto Verganti** released a new "Manifesto for Design" with Elizabeth Cristoforetti of Harvard University.

We are proud to report that HOI researchers are members of 17 Editorial Boards across our main research areas. A selection of current appointments include:

- **Roberto Verganti**, Associate Editor at *Journal of Product Innovation Management*
- **Sarah Jack**, Editor at *Entrepreneurship Theory and Practice* and Associate Editor at *Entrepreneurship and Regional Development*
- **Magnus Mähring**, outgoing Senior Editor at *Journal of the Association for Information Systems*, and incoming Associate Editor at *Information Systems Research*
- **Mattias Nordqvist**, Associate Editor at *Family Business Review*
- **Holmer Kok**, Associate Editor at *Industry and Innovation*

To reach a broader audience, we fund Open Access for articles, making them available to the public free of charge. We also produce "explainer videos" that summarize scientific articles for non-academic audiences. These videos are available on the [HOI web page under outreach/videos](#) or the [SSE YouTube channel](#).



Still from "Innovation and Design in the Age of Artificial Intelligence"

RESEARCH HIGHLIGHTS IN TOP-RANKING ACADEMIC JOURNALS

New policies needed to support entrepreneurship and innovation in the space industry



Sarah Jack (HOI) and co-authors Wadid Lamine, Alistair Anderson, and Alain Fayolle examined how entrepreneurship in the space industry is shaped by institutions and found that sections of the space industry lack entrepreneurship and innovation. To strengthen entrepreneurialism in the industry, the authors recommend that policymakers (a) strengthen private-public-partnership arrangements; (b) implement policies to attract venture capitalists to transform and reinvigorate sections of the industry; and (c) design specific incubation mechanisms for space start-ups.

Lamine, W., Anderson, A., Jack, S. L., & Fayolle, A. (2021). Entrepreneurial space and the freedom for entrepreneurship: Institutional settings, policy, and action in the space industry. *Strategic Entrepreneurship Journal*, 15(2), 309–340. <https://doi.org/10.1002/sej.1392>

When it comes to family business, is blood always thicker than water?



Mattias Nordqvist (HOI) and co-authors Giuseppe Cricao and J. (Hans) van Oosterhout have compared the survival rates of family member spawns, nonfamily member spawns, and spawns from non-family firm parents. They found that non-family member spawns survive longer than spawns from non-family firm parents, while kinship ties do not provide additional survival benefits.

Criaco, G., van Oosterhout, J. (Hans), & Nordqvist, M. (2021). Is blood always thicker than water? Family firm parents, kinship ties, and the survival of spawns. *Journal of Business Venturing*, 36(6), 106161. <https://doi.org/10.1016/j.jbusvent.2021.106161>

Management and AI: The case for a strategy update



Sebastian Krakowski (HOI) and co-author Sebastian Raisch have studied the opportunities, challenges and risks that digitalization and AI generate. The research finds that current strategy needs to be updated to accommodate new capability requirements and ways of advancing innovation when algorithms become a central part of organizations across a broad set of industries.

Raisch, S., & Krakowski, S. (2021). Artificial Intelligence and Management: The Automation–Augmentation Paradox. *Academy of Management Review*, 46(1), 192–210. <https://doi.org/10.5465/amr.2018.0072>

Deliberately ignoring critical information: Explaining why and when do we do it



Anna Essén (HOI) and co-authors Morten Knudsen and Mats Alvesson have identified under what circumstances that actors invest time and effort in producing information that they then later ignore. Essén and her co-authors identified a range of individual tactics that in combination with organizational structures and norms leads to this taking place. To reduce destructive ignoring organizations are encouraged to ask questions such as: in what specific circumstances, and for whom, is the information used and ignored?

Essén, A., Knudsen, M., & Alvesson, M. (2021). Explaining Ignoring – Working with Information that Nobody Uses. *Organization Studies*, online ahead of print. <https://doi.org/10.1177/0170840621998720>

RESEARCH NETWORK BUILDING

HOI is committed to building strong research networks with world-class scholars worldwide. While the pandemic has limited our ability to travel and engage in-person in research collaborations and exchanges, we have stayed active and ramped up digital research collaborations.

One of the key strategies in expanding our research network is to host world-class researchers at HOI. Despite the pandemic, we have been able to host **Distinguished Visiting Professor Michael Barrett** (Cambridge University) and **Visiting Professor Eivor Oborn** (Warwick University) at HOI. They both delivered highly appreciated and well-attended workshops and academic seminars.

Further, as part of the **Erling Persson Distinguished Visiting Professorship Program** (set up in collaboration with the Swedish House of Finance), HOI and Swedish House of Finance hosted Erling Persson Visiting Professor **David T. Robinson** (Duke University) and Erling Persson Visiting Professor **Olav Sorenson** (University of California, Los Angeles) in 2021. Olav Sorensen presented a research seminar titled "Silicon Valley Syndrome" as part of his visit.

In 2021, HOI organized 13 research seminars collaborating with Swedish and international universities (see the complete list in Appendix: Academic Events House of Innovation 2021). These strengthen and build our research partnerships and contribute to our high research productivity and quality.

HOI encourages strong relationships with promising visiting Ph.D. students wherever they are based. In this spirit, **Mattia Bianchi** and **Roberto Verganti** hosted **Federico Zasa**, a visiting Ph.D. student from Politecnico di Milano, and **Holmer Kok** welcomed visiting Ph.D. student **Tom Orben** from EBS Universität für Wirtschaft und Recht.

Erik Wetter spent time at Stanford after receiving VINNOVA funding to conduct research in collaboration with Stanford Center for Autonomous Research (CARS).

Further, our major research collaborations continue within the ongoing pan-European projects funded through the EU Horizon 2020 program:

Pan-European Response to the Impacts of COVID-19 and Future Pandemics and Epidemics (PERISCOPE), with professors **Mattia Bianchi** and **Roberto Verganti** leading SSE's participation. This project builds on a consortium of 32 institutions in Europe. A substantial research effort was carried out in 2021 across various work packages. The

HOI team has started preparatory work for the 2022 Innovation Challenge.

Transparent And Resilient Gender Equality Through Integrated Monitoring Planning and Implementation (TARGETED-MPI) started in 2020. Activities in 2021 focused on researching the topic of gender quality in business schools and preparing the draft Gender Equality Plans for the five universities participating in the project. **Sarah Jack** is the project leader at HOI. Other participating countries, apart from Sweden, are Greece, Belgium, Lebanon, and the UK.



RESEARCH AWARDS AND ACKNOWLEDGMENTS

HOI scholars at all levels of seniority have continued to attract recognition both nationally and internationally. Our researchers have received many awards. A selection of these include:

- **Mattias Nordqvist** was ranked the 7th most influential and productive scholar in the "Family Firm" research field during the last decade in an article in the *European Journal of Family Business*.
- **Martin Sköld, Åke Freij, and Johan Frishammar** were awarded Best Paper 2020 for their "New Entrant or Incumbent Advantage in Light of Regulatory Change: A Multiple Case Study of the Swedish Life Insurance Industry" published in *European Management Review*. This was announced in June 2021.
- **Jonas Soluk** won the IFERA "Best Paper on Conference Theme Award" 2021
- **Roberto Verganti** won the 2020 Albert Page Award for Outstanding Professional Contribution, and together with co-authors Luca Vendraminelli (University of Padova) and Marco Iansiti (Harvard Business School), was awarded the 2020 Best Paper Award by the *Journal of Product Innovation Management*.

- **Pär Åhlström, Mattia Bianchi, Anders Richtnér, and Keith Goffin's** article "Perspective: State-of-the-Art: The Quality of Case Study Research in Innovation Management" was acknowledged by the *Journal of Product Innovation Management* as a top-cited article.
- **Robert Demir, Mirko Erqvist, Katy Mason and Rasmus Nyqvist** received the Best Full Paper Award during the 2021 British Academy of Management conference.

EDUCATION

HOI is committed to delivering on SSE's educational mission **FREE (Fact and Science Based Mindset, Reflective and Self Aware, Empathetic and Culturally Literate, and Entrepreneurial and Responsible)**. These principles are instilled in all our teaching endeavors at SSE.

The House of Innovation plays leading roles in the **Master Program in Business & Management (MBM)** and the **Master Program in International Business (MIB)**.

The MBM program was redesigned in 2020 with a pronounced focus on business development and implemented in 2021. The class of 2021 had 79 enrolled students, of which 48 were domestic students and 31 international students. Overall, 18 different nationalities were represented, and the cohort consisted of 47 female and 32 male students.

The MBM program has maintained its strong collaboration with corporate partners, particularly with **Scania**, which was involved in a case competition during the first week of the course and a Live Project. These corporate partnerships generate real-life business cases, project experiences, and employer connections and are greatly appreciated by students and teachers.

We also delivered 51 courses at bachelor, master, Ph.D., EMBA, and executive education levels. The Department is committed to developing new and exciting courses. In 2021, four courses were offered for the first time:

- Operations Strategy (MSc)
- The Future of Europe (MSc)
- Design Thinking (MSc)
- Social Innovation and Social Entrepreneurship (MSc)

HOI has ambitious plans to expand its course offering in 2022, with ten new courses at BSc, MSc, and EMBA levels planned for delivery. A selection includes:

- Ownership and Governance in Entrepreneurial Firms (BSc)
- Data Science for Business (BSc)
- Digital Transformation (MSc)
- InnoLab – Solving Innovation Challenges through Collective Intelligence (MSc)
- Nordic Entrepreneurship (EMBA)

EDUCATION NETWORK BUILDING

HOI is involved with the **European University of Social Sciences (CIVICA)**, in which SSE is an active partner. The CIVICA alliance includes world-leading institutions such as Bocconi University, Sciences Po, and The London School of Economics and Political Science. HOI is part of the CIVICA Engage Track, a multi-campus, interdisciplinary bachelor experience focusing on civic engagement. As part of the CIVICA Engage Track, HOI teachers delivered two courses in 2021:

- The Future of Europe (MSc)
- Social Innovation and Social Entrepreneurship (MSc)



HOI is also involved with the **Global Network of Advanced Management (GNAM)**, which SSE joined as a partner in 2020. HOI teachers will deliver the course **InnoLab – Solving Innovation Challenges through Collective Intelligence** in 2022 with students from SSE and our network partners.

We are also proud that our researchers teach courses with international partner institutions. Examples include:

- **Mark Conley** has been involved with an international teaching opportunity, teaching text analysis at Strathmore University, Nairobi, Kenya
- **Roberto Verganti** taught the MSc/MBA course **Design Practice and Theory** at Harvard Business School.

AWARDS AND ACKNOWLEDGMENTS

HOI is dedicated to educational excellence and continuous improvement. We are proud to report that the efforts of HOI teachers resulted in the following acknowledgments:

- **Johan Båge** and **Joel Smedberg** were invited to join SSE's Distinguished Educator's Network.
- **Anna Essén** and **Mattias Nordqvist** were acknowledged for outstanding teaching performance.
- **Håkan Lyckeberg** was awarded SASSE Teacher of the Year 2021.

OUTREACH AND KNOWLEDGE EXCHANGE

In 2021, the pandemic continued to cause challenges for face-to-face events. In response to this ongoing uncertainty, we refined our program of online outreach activities.

We hosted and co-hosted 15 academic and 19 industry events, attracting domestic and international attendance and participation. Some of the events have been widely promoted by HOI, SSE, and external partners, thus opening up our events to a broader audience.

	2020	2021
Academic events	12	15
Industry events	17	19

ACADEMIC EVENTS

HOI hosted and co-hosted 15 academic events in 2021 as part of our academic outreach and relationship-building strategy. These events included:

- One invitational research workshop
- 13 research seminars with Swedish and international universities
- One book release

Over three days HOI hosted an invitational research workshop named Digital Foundations of Business, Operations, Strategy and Innovation. The event was organized together with Swedish Center for Digital Innovation, Cambridge Digital Innovation and leading Nordic universities. The research paper workshop brought together researchers from a range of research fields, including information systems, computer science, operations management, innovation, and strategy.



The workshop focused on presenting and sharing early-stage research by both junior and senior scholars at the frontiers of digital foundations of business, information systems, operations management, strategy, and innovation.

In 2021, HOI organized 13 research seminars in collaboration with Swedish and international scholars (see the complete list in Appendix: Academic Events House of Innovation 2021).

In April, MISUM and HOI co-hosted the online book release for the "**Palgrave Handbook of Family Firm Internationalization**". HOI's **Sarah Jack** edited the book and co-authored two of its chapters, and HOI's **Mattias Nordqvist** co-authored one chapter of the book.

HOI researchers have regularly featured in Swedish media, such as: Chef, Dagens Industri, Dagens Nyheter, Dagens Samhälle, SvD Näringsliv, Sveriges Radio, SVT Nyheter, and Tidningen Näringslivet.

In addition to the "official" events, HOI also organized 18 brown bag research seminars. These are internal HOI seminars where researchers present their research progress and receive feedback and suggestions from their peers.

INDUSTRY EVENTS

HOI hosted and co-hosted 19 industry events in 2021 as part of our outreach and relationship-building strategy. These events included:

- Three industry conferences
- 16 industry events

In mid-October, HOI organized its major annual event, the full-day conference **“Hybrid Futures: the blending of AI and ‘digital’ into life, work and society”** as part of the national program of events **Digitalidag**. This conference focused on the increasingly intimate, entangled relationship we have developed with Artificial Intelligence, with digital and social platforms, and with other digital technologies, and how this changes organizations, new ventures, and our work and lives. The event had 14 speakers, six SSE moderators and had almost 600 registered attendees from across the world participating in lively discussions about hybridity.



The digital conference was arranged together with the Wallenberg Foundations and Digitalidag, the Future Work Forum, SCDI (Swedish Center for Digital Innovation), MISUM, and SSE BL.



On 15 December, HOI hosted **“Reframe to Restart”** the second annual Dialogues at The Garden. During the event, **Mattia Bianchi** and **Roberto Verganti**, SSE professors and directors of The Garden, connected with researchers, corporate, and society leaders in a digital conversation on reframing, one of the most sophisticated and advanced capabilities for our human mind. The event held at HOI featured nine speakers from academia, and the private, public and not-for-profit sectors.

During the event, the **Michael Treschow Scholarship** was awarded to **Natalia Ikebara** for her commitment to making a difference by applying design thinking methodologies and translating problems into solutions. The Scholarship was established by **Michael Treschow** to motivate creative design students to pursue higher education beyond bachelor studies, and the recipient is awarded 100,000 SEK.

As part of Mois de Francophonie, HOI co-hosted **“Together beyond the crisis: Sustainable developments for benefit of Business and Society”** with the embassies of Switzerland, Canada, Belgium, and Serbia. The event had speakers from HOI, SSE, industry and the Swiss Embassy and it examined how COVID-19 has served to bolster entrepreneurship and innovation.



HOI is involved in the awarding of another important scholarship. The Jacob & Marcus Wallenberg Center for Innovative and Sustainable Business Development at HOI awards the **Social Innovation Scholarship**. In 2021, the scholarship was awarded at the event **“Managing the three pillars of sustainability”**, co-hosted with MISUM and SASSE Entrepreneurship Society. This scholarship enables two SSE students to pursue social entrepreneurship and social innovation opportunities. The 2021 recipients were **Maakwe Cumanzala** (Master in Economics) and **Louise Ribrant** (Bachelor in Business and Economics).



We are excited about and committed to advancing our outreach program to broaden and deepen our interaction with academia, business, and society. (The complete outreach program can be found on the HOI webpage, and an overview is available in Appendix: Industry Events House of Innovation 2021).

SSE BUSINESS LAB AND STOCKHOLM SCHOOL OF ENTREPRENEURSHIP

HOI has, since its establishment, collaborated with **SSE Business Lab** (SSE BL) and **Stockholm School of Entrepreneurship** (SSES).

SSE BL is a core component of HOI and is considered Northern Europe’s most successful business accelerator, celebrating its 20th anniversary in 2021. Since its establishment in 2001, SSE BL has supported over 230 companies that have attracted 31 billion SEK in venture capital. Some of the most successful companies include Klarna, Budbee, and VOI Technology.



In 2021, a new program, **Ideate**, was launched at SSE BL. The program seeks to engage students with a passion for solving global challenges and gives them the tools to build a team and develop a workable solution.

Over the years, the SSE BL has attracted publicity for its strengthened commitment to sustainability, diversity, and inclusion. The acceptance committee has been expanded to reflect the commitment to diversity, delivering broader perspectives and new competencies.

In 2021, **Anders Walls Stiftelse** launched a new scholarship to an entrepreneurially oriented SSE student. The recipient is awarded 200,000 SEK and gets access the Anders Walls Stiftelse’s alumni network (Wallumni). SSE BL facilitates the scholarship.

HOI and SSE BL have a **"Scholar in Residence"** initiative, where a HOI researcher relocates to SSE BL part-time for an extended period. Due to the pandemic, this program has been on pause, but as conditions improve in 2022, we plan to re-initiate it.



Since the start, HOI has been SSE’s collaboration partner within the SSES and is responsible for SSE’s course delivery at SSES.

The relationship has deepened and intensified in recent years. In 2021, HOI faculty ran two new SSES courses; **Entrepreneurial Family Firms** and **Design Thinking**. Another focus area has been the development of courses for Ph.D. students studying entrepreneurship to be delivered in 2022.

We are proud that the Director of SSES, **Rasmus Rahm**, was 2019 the first Ph.D. graduate from HOI and remains a part-time postdoctoral fellow.

Professors at HOI are active members of the boards of the Business Lab and SSES and the Advisory and Admissions Boards for the SSE BL. We look forward to further strengthening our collaboration and together supporting Stockholm's entrepreneurs and start-up ecosystem.

SPONSORSHIP

HOI proudly sponsors **SASSE Entrepreneurship Society**, part of the Business Committee within the Student Association at SSE. The Society aims to raise interest in entrepreneurship and innovation among the School's students. The JMW Social Innovation Scholarship is awarded at an event co-hosted with the SASSE Entrepreneurship Society.

HOI also actively supports **180 Degree Consulting**, a global student-driven consultancy that helps non-profits and social enterprises, and **Venture Cup**, a Swedish competition for aspiring entrepreneurs.

FUNDING

Generous donations enable us to develop an excellent academic environment with high ambitions.

In 2021, HOI's researchers attracted 14 new research grants for individual and collective research initiatives. We are pleased to note that we have received funding for two new **data analytics projects** and one **applied innovation project**. Our success proves our attractiveness as a research environment, enabling exciting new research opportunities and ensuring that our donor funding lasts longer.

Organisations awarding grants include **Forte**, **The Handelsbanken Foundations**, **Handelsrådet (The Swedish Retail and Wholesale Council)**, **The Marianne and Marcus Wallenberg Foundation**, **The Swedish Foundation for International Cooperation in Research and Higher Education (STINT)**, and **Vinnova**.

Overall, the House of Innovation remains on budget while delivering on commitments to our donors, research funders, and SSE.

OUR PEOPLE

HOI's increased status as a premier research environment has resulted in a significant increase in the annual number of applications for tenure track positions that we have received. In 2021, 301 applications were received for advertised tenure track positions, of which 83% were international. The number of applications has increased annually and we are proud to note that HOI is an attractive environment for global research talent.

	2018	2019	2020	2021
Applications	75	120	194	301

In 2021, the House of Innovation added to our core faculty of established, internationally recognized scholars with two top early career academics.

Sebastian Krakowski joined HOI as an Assistant Professor. He completed his Ph.D. at the University of Geneva (Geneva School of Economics and Management). In his final year of his Ph.D., Sebastian was a visiting researcher at Warwick Business School.

Before arriving at HOI, Assistant Professor **Mickaël Buffart** held a visiting position with a Wenner-Gren Scholarship at the Institute of Analytical Sociology at Linköping University. He also had a postdoctoral position (2019-2020) at Aalto University School of Business. Mickaël received his Ph.D. from Grenoble Ecole de Management and the Université Grenoble-Alpes, France.

Further, five postdoctoral fellows joined HOI:

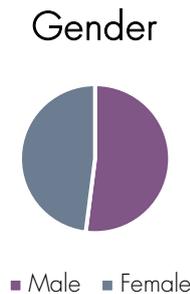
- **Paraskevi Dimakou**
- **Charlotta Kronblad**
- **Shiyuan (Eric) Liu**
- **Rasmus Rahm**
- **Jonas Soluk**

HOI also welcomed seven new Ph.D. students.

We have hired **Gustaf Sörman Nilsson** as Head of Strategic Projects to strengthen our relationships with donors. He will be responsible for designing and delivering HOI's strategic projects, including donor and partner relations. An additional expansion of the operations team is likely to build and maintain the operational services and infrastructure of HOI, which enables combining high research productivity with a high level of outreach activity.

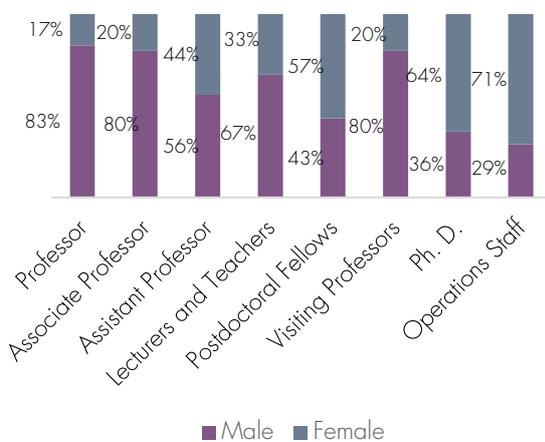
GENDER DIVERSITY

SSE's gender equality strategy outlines a 40/60 ratio between male and female SSE employees across all personnel categories. Although Sweden only recognizes two legal genders, SSE recognizes the limitations and exclusionary aspects of a binary view, and gender identification and/or expression beyond the traditional gender dichotomy are both welcomed and encouraged.



HOI is committed to achieving the School's gender equality targets over time. In 2021, HOI achieved the desired ratio overall, with females representing 48% of all HOI staff. Gender balance (within the 40/60 range) is also in place for assistant professors, and postdoctoral fellows. Females are over-represented amongst operations staff and Ph.D. students, and males amongst full professors, associate professors, lecturers and teachers, and visiting professors. We will continue working to achieve gender equality across all target areas.

Gender by Role



PROFESSORS

Mattia Bianchi is Co-Director of The Garden – Center for Design and Leadership. His research fields are open innovation, lean management, design thinking, and agile.

Sarah Jack is the Jacob and Marcus Wallenberg Professor of Innovative and Sustainable Business Development, Director of the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development, and Director for the MISUM Platform Sustainable Business Development through Entrepreneurship and Innovation. She researches social networks, entrepreneurship, social learning, and social innovation.

Magnus Mähring is the Erling Persson Professor of Entrepreneurship and Digital Innovation at SSE, the Chair of HOI, and co-director for the Swedish Center for Digital Innovation. His research areas are digital innovation, transformation processes, "smart" ecosystems, and organizational decision-making.

Mattias Nordqvist researches new ventures, family business, entrepreneurship, management, and literature in entrepreneurship. In 2022, he will be leading intensified research efforts in one of HOI's focus areas.

Robert Verganti is Co-Director of The Garden – Center for Design and Leadership and is a member of the advisory board for the European Innovation Council, EU Commission. His research fields are innovation strategy, design-driven innovation, innovation leadership, and innovation policies.

Pär Åhlström is the Torsten and Ragnar Söderberg Professor of Business Administration, Vice President Degree Programs at Educational Programs. He researches operations management, innovation management, and lean.

ASSOCIATE PROFESSORS

Anna Essén is responsible for the collaboration with Vision Zero Cancer and is affiliated with the Swedish Center for Digital Innovation. She researches ecosystem/data governance, digital platforms, information commons, and ignoring/whistleblowing.

Pär Mårtensson is the Head of Pedagogy and Faculty Development at SSE. His research areas include teaching and learning at business schools, quality of research, and education and change.

Anders Richtnér is former CEO of Stockholm School of Economics Executive Education. He researches innovation management, knowledge management, design thinking, and excellence in teaching.

Rickard Sandberg is the Director of the Center for Data Analytics. His areas of research are machine learning, deep learning, data analytics, predictive analytics, sustainability, and entrepreneurship.

Martin Sköld is the Program Director of the Master Program in Business & Management, Director of the Scania Center of Innovation and Operational Excellence. His research fields are operations strategy, product development, industrial networks and synergies, and modularization.

ASSISTANT PROFESSORS

Mickaël Buffart researches the role of discourses, texts, and talks in strategy making and entrepreneurial activities.

Mark A. Conley's research areas include how motivation impacts organizational and entrepreneurial outcomes.

Emelie Fröberg's fields of research are analytics and business administration.

Holmer Kok researches strategy, strategic alliances, external sourcing strategies, and inventions.

Sebastian Krakowski's areas of research include digitalization and artificial intelligence and their impact on organizational theory and applied strategy.

Kathrin Reinsberger undertakes research at the intersection of innovation, technology, and strategy.

Ciara Sutton is the Program Director of CEMS and Program Director of the Master Program in International Business. Her research areas are strategy, international business, global leadership, and education.

Roxana Turturea's primary research areas are entrepreneurial finance and corporate governance.

Erik Wetter researches innovation, data science, digital transformation, and management and negotiations in new ventures.

2021 AND BEYOND

We are proud to report our activities and achievements for 2021. Our success would not have been possible without the generous support from our donors, whose funding has been crucial in allowing HOI and the Stockholm School of Economics to continue to push the boundaries of knowledge generation about innovation, entrepreneurship, and digitalization and disseminate it across business, society, and academia.

In 2022, we will build on the successes of our early years. We expect to be able to establish several new senior positions and deepen and intensify our research in certain focus areas. We also plan to establish long-term research partnerships with other top international research environments, an effort that will continue over several years.

We will pursue strategic recruitments, including several senior faculty members, to further strengthen our core

areas and provide a more supportive environment to our junior faculty members and postdoctoral fellows.

Our growth has caused infrastructure challenges. Consequently, we will pursue innovative solutions for office space to safeguard and quality control our research environment. Our physical environment should enable both collaborative and deeply focused individual work.

As the home for SSE's entrepreneurship, innovation, and digitalization research and education, we will explore ways of advancing students' technology literacy and strengthen our relationship with innovative technology companies in Stockholm and beyond.

We look to the future with optimism and are confident that we will continue to deliver value to our stakeholders and society. We are hopeful that 2022 will, in many ways, surpass 2021.

Magnus Mähring

*Erling Persson Professor of Entrepreneurship and Digital Innovation,
Chair, House of Innovation and Department of Entrepreneurship, Innovation, and Technology*





HOUSE OF INNOVATION

APPENDIX 1: THE ERLING-PERSSON FOUNDATION

This appendix is specifically for the Erling-Persson Foundation and is intended to summarize events and activities tied to the generous donation given to the House of Innovation.

SPECIAL EVENTS AND ACTIVITIES

- In 2021, the following new faculty members were wholly or partly funded by the grant from the Erling-Persson Foundation:
 - Assistant Professor **Mickaël Buffart** (Ph.D. Grenoble from Ecole de Management and the Université Grenoble-Alpes) has a new tenure track position focused on data analytics.
 - Assistant Professor **Sebastian Krakowski** (Ph.D. University of Geneva) has a new tenure track position focused on artificial intelligence.
- **Magnus Mähring** participated in the Smart Society Sweden podcast by the Karl-Adam Bonnier Foundation. The podcast explored the topic of how Sweden became a co-creation nation and also featured Jennie Cato, Head of Public Affairs and Partnerships at Scania.
- In 2021, the **Erling Persson Distinguished Visiting Professor Program** (set up in collaboration with the Swedish House of Finance) hosted Professor David T. Robinson (Duke University) and Professor Olav Sorenson (University of California, Los Angeles). Olav Sorensen presented a research seminar titled **Silicone Valley Syndrome** as part of this program.
- HOI's relationship with SSES deepened and intensified during 2021. In 2021 HOI faculty ran two new SSES courses; **Entrepreneurial Family Firms** and **Design Thinking**. Another focus area has been the development of courses for Ph.D. students studying entrepreneurship to be delivered in 2022. HOI maintains an active presence on the board of SSES.
- HOI maintains strong involvement with SSE Business Lab, with its Advisory and Admissions Boards positions. The "**Scholar in Residence**" program at the Business Lab has been paused due to the pandemic, but as conditions improve in 2022, we plan to re-initiate it.
- The **Master Program in Business & Management (MBM)** underwent a substantive redesign that was implemented in 2021. It now has a distinct focus on business development and strong collaborations with corporate partners. A plan to incorporate an international study project is well on the way, but due to the pandemic and the tragic death of a critical administrator, this was not feasible in 2021.
- HOI conducted one digital Hackathon in 2021. This was delivered for MBM students as part of the course **Innovation Management**, and 70 students participated.
- In 2021, our operations team explored new ways of delivering conferences, seminars, workshops online in an engaging fashion. We provide seminars aimed at researchers and industry professionals in collaboration with SSES, MISUM, and corporate partners and donors such as Scania and the Wallenberg Foundations.
- **Gustaf Sörman Nilsson** was hired as Head of Strategic Projects to deepen our dialogue and strengthen relationships with donors. He will be responsible for designing and delivering HOI's strategic projects, including donor and partners relations.

SELECTED RESEARCH PUBLICATIONS

(Publications marked with a gray background are authored by Research Fellows affiliated with HOI but not part of our Core Faculty. This distinction is captured by the "HOI Core" and "HOI Environment" terms indicated in the RESEARCH section on page 7. Some of our Affiliated Research Fellows have a primary affiliation either with other departments at SSE or with other universities.)

Aguilera, R., Duran, P., Heugens, P. P. M. A. R., Sauerwald, S., Turtorea, R., & VanEssen, M. (2021). State ownership, political ideology, and firm performance around the world. *Journal of World Business*, 56(1), 101113. <https://doi.org/10.1016/j.jwb.2020.101113>

Åhlström, P., Danese, P., Hines, P., Netland, T. H., Powell, D., Shah, R., Thüerer, M., & van Dun, D. H. (2021). Is lean a theory? Viewpoints and outlook. *International Journal of Operations & Production Management*, 41(12), 1852–1878. <https://doi.org/10.1108/IJOPM-06-2021-0408>

Barrett, M., & Orlikowski, W. (2021). Scale matters: Doing practice-based studies of contemporary digital phenomena. *MIS Quarterly*, 45(1), 467–472. <https://doi.org/10.25300/MISQ/2021/15434.1.3>

Bharatan, I., Swan, J., & Oborn, E. (2021). Navigating turbulent waters: Crafting learning trajectories in a changing work context. *Human Relations*, 00(0), 1–29. <https://doi.org/10.1177/00187267211010366>

Brattström, A., & Wennberg, K. (2021). The Entrepreneurial Story and its Implications for Research. *Entrepreneurship Theory and Practice*. <https://doi.org/10.1177/10422587211053802>

Conley, M., Shane, S., & Clingsmith, D. (2021). How Pitch Order Affects Investor Interest. *Journal of Innovation Economics & Management*, 00(0), 139–175. <https://doi.org/10.3917/jie.pr1.0112>

Emre Yildiz, H., Murtic, A., Klofsten, M., Zander, U., & Richtnér, A. (2021). Individual and contextual determinants of innovation performance: A micro-foundations perspective. *Technovation*, 99, 102130. <https://doi.org/10.1016/j.technovation.2020.102130>

Gkeredakis, M., Lifshitz-Assaf, H., & Barrett, M. (2021). Crisis as opportunity, disruption and exposure: Exploring emergent responses to crisis through digital technology. *Information and Organization*, 31(1), 100344. <https://doi.org/10.1016/j.infoandorg.2021.100344>

Holmström, J., Magnusson, J., & Mähring, M. (2021). Orchestrating Digital Innovation: The Case of the Swedish Center for Digital Innovation. *Communications of the Association for Information Systems*, 48(1), 248–264. <https://doi.org/10.17705/1CAIS.04831>

Hultin, L., Introna, L. D., & Mähring, M. (2021). The decentered translation of management ideas: Attending to the conditioning flow of everyday work practices. *Human Relations*, 74(4), 587–620. <https://doi.org/10.1177/0018726719897967>

Hultin, L., Introna, L. D., Göransson, M. B., & Mähring, M. (2021). Precarity, Hospitality, and the Becoming of a Subject That Matters: A Study of Syrian Refugees in Lebanese Tented Settlements. *Organization Studies*, 00(0), 1–29. <https://doi.org/10.1177/01708406211026115>

Kanze, D., Conley, M. A., & Higgins, E. T. (2021). The motivation of mission statements: How regulatory mode influences workplace discrimination. *Organizational Behavior and Human Decision Processes*, 166, 84–103. <https://doi.org/10.1016/j.obhdp.2019.04.002>

Magistretti, S., Bianchi, M., Calabretta, G., Candi, M., Dell’Era, C., Stigliani, I., & Verganti, R. (2021). Framing the multifaceted nature of design thinking in addressing different innovation purposes. *Long Range Planning*, 102163. <https://doi.org/10.1016/j.lrp.2021.102163>

McKelvie, A., Brattström, A., & Dennis Jr., W. J. (2021). What do they think and feel about growth? Examining small business managers' attitudes towards growth in the United States. *Journal of Business Venturing Insights*, 15, e00243. <https://doi.org/10.1016/j.jbvi.2021.e00243>

Oborn, E., & Barrett, M. (2021). Marching to Different Drum Beats: A Temporal Perspective on Coordinating Occupational Work. *Organization Science*, 32(2), 376–406. <https://doi.org/10.1287/orsc.2020.1394>

Oborn, E., Pilosof, N. P., Hinings, B., & Zimlichman, E. (2021). Institutional logics and innovation in times of crisis: Telemedicine as digital 'PPE.' *Information and Organization*, 31(1), 100340. <https://doi.org/10.1016/j.infoandorg.2021.100340>

Pilosof, N. P., Barrett, M., Oborn, E., Barkai, G., Pessach, I. M., & Zimlichman, E. (2021). Inpatient Telemedicine and New Models of Care during COVID-19: Hospital Design Strategies to Enhance Patient and Staff Safety. *International Journal of Environmental Research and Public Health*, 18(16), 8391. <https://doi.org/10.3390/ijerph18168391>

Complete list of HOI publications available on [HOI website](#).

APPENDIX 2: THE JACOB AND MARCUS WALLENBERG CENTER FOR INNOVATIVE AND SUSTAINABLE BUSINESS DEVELOPMENT

This appendix is for the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development and is intended to report events and activities specifically for the Center.

SPECIAL EVENTS AND ACTIVITIES

- In October 2021, HOI organized its major annual event, the conference "**Hybrid Futures: The blending of AI and 'digital' into life, work, and society,**" as part of the national program of events Digitalidag. The digital conference was arranged with the Wallenberg Foundations and Digitalidag, the Future Work Forum, SCDI (Swedish Center for Digital Innovation), MISUM, and SSE Business Lab.
- Sarah Jack, the Jacob and Marcus Wallenberg Professor of Innovative and Sustainable Business Development, and Director of the Center, continues her five-year leadership track for the **Entrepreneurship Division, Academy of Management**, which with 3724 members is one of the largest divisions within the Academy of Management, the most prestigious association globally for entrepreneurship researchers.
- Sarah Jack has signed a contract to edit a book, the **De Gruyter Handbook of Digital Entrepreneurship: The Transformation of Enterprise**, and serves as a Technovation Special Issue guest editor.
- Sarah Jack continues to lead the platform **Sustainable Business Development through Entrepreneurship and Innovation** within SSE's MISUM research center. The platform explores how entrepreneurship and innovation can work to support business – both commercial and social – but also their communities and how to engage market actors with non-market actors to collectively contribute knowledge, experience, and resources to provide solutions for sustainable business development.
- Sarah Jack leads the project "**Public Procurement of Functions – A Stepping Stone Towards a More Sustainable Future,**" financed by the Marianne and Marcus Wallenberg Foundation. The project is conducted together with researchers from Linköping University. It looks at how to design innovative, competitive, and sustainable public procurement models that can address society's climate, resource, and environmental challenges.
- MISUM and HOI co-hosted an online book release for "**Palgrave Handbook of Family Firm Internationalization.**" HOI's Sarah Jack edited the book and co-authored two of its chapters, and HOI's Mattias Nordqvist co-authored one chapter of the book. The release event drew attendees from across the globe.
- SSE students Maakwe Cumanzala and Louise Ribrant were the 2021 recipients of the annual **Social Innovation Scholarship** awarded by the Jacob & Marcus Wallenberg Center for Innovative and Sustainable Business Development.
- The postdoctoral program **Wallenberg Digital Innovation Program at The Swedish Center for Digital Innovation Stockholm**, is off to a great start with several recruitments who have initiated new projects at HOI on algorithms in the legal system, how incumbents shape new ecosystems, and digital entrepreneurship. The funding for the postdocs has been granted by the Knut and Alice Wallenberg Foundation.

SELECTED RESEARCH PUBLICATIONS

(Publications marked with a gray background are authored by Research Fellows affiliated with HOI but not part of our Core Faculty. This distinction is captured by the “HOI Core” and “HOI Environment” terms indicated in the RESEARCH section on page 7. Some of our Affiliated Research Fellows have a primary affiliation either with other departments at SSE or with other universities.)

Bassani, G., Pfister, J. A., & Cattaneo, C. (2021). Management accounting change as an amplifier of a leadership dispute: An ethnography of convergent and divergent leader–follower relations. *Accounting, Auditing & Accountability Journal*, 34(9), 104–134. <https://doi.org/10.1108/AAAJ-01-2020-4379>

Criaco, G., van Oosterhout, J. (Hans), & Nordqvist, M. (2021). Is blood always thicker than water? Family firm parents, kinship ties, and the survival of spawns. *Journal of Business Venturing*, 36(6), 106161. <https://doi.org/10.1016/j.jbusvent.2021.106161>

Discua Cruz, A., Hamilton, E., & Jack, S. L. (2021). Understanding entrepreneurial opportunities through metaphors: A narrative approach to theorizing family entrepreneurship. *Entrepreneurship & Regional Development*, 33(5–6), 405–426. <https://doi.org/10.1080/08985626.2020.1727089>

Dodd, S., Anderson, A., & Jack, S. (2021). “Let them not make me a stone” —Repositioning entrepreneurship. *Journal of Small Business Management*, 00(0), 1–29. <https://doi.org/10.1080/00472778.2020.1867734>

Eze, N. L., Nordqvist, M., Samara, G., & Parada, M. J. (2021). Different Strokes for Different Folks: The Roles of Religion and Tradition for Transgenerational Entrepreneurship in Family Businesses. *Entrepreneurship Theory and Practice*, 45(4), 792–837. <https://doi.org/10.1177/1042258720964428>

Galkina, T., & Jack, S. (2021). The synergy of causation and effectuation in the process of entrepreneurial networking: Implication for opportunity development. *International Small Business Journal: Researching Entrepreneurship*, 00(0), 1–28. <https://doi.org/10.1177/02662426211045290>

Gil-López, Á., San Román, E., Jack, S., & Zozimo, R. (2021). Driving through change at speed. Opportunity conditions and entrepreneurial responses in the history of the express industry. *Revista de Historia Industrial. Economía y Empresa*, 30(81), 21–53. <https://doi.org/10.1344/rhi.v30i81.31636>

Lamine, W., Anderson, A., Jack, S. L., & Fayolle, A. (2021). Entrepreneurial space and the freedom for entrepreneurship: Institutional settings, policy, and action in the space industry. *Strategic Entrepreneurship Journal*, 15(2), 309–340. <https://doi.org/10.1002/sej.1392>

Mahmud, M., Soetanto, D., & Jack, S. (2021). A contingency theory perspective of environmental management: Empirical evidence from entrepreneurial firms. *Journal of General Management*, 47(1), 3–17. <https://doi.org/10.1177/0306307021991489>

Pugh, R., Soetanto, D., Jack, S. L., & Hamilton, E. (2021). Developing local entrepreneurial ecosystems through integrated learning initiatives: The Lancaster case. *Small Business Economics*, 56(2), 833–847. <https://doi.org/10.1007/s11187-019-00271-5>

Ramírez-Pasillas, M., Lundberg, H., & Nordqvist, M. (2021). Next Generation External Venturing Practices in Family Owned Businesses. *Journal of Management Studies*, 58(1), 63–103. <https://doi.org/10.1111/joms.12566>

Smith, C., Nordqvist, M., De Massis, A., & Miller, D. (2021). When so much is at stake: Understanding organizational brinkmanship in family business. *Journal of Family Business Strategy*, 12(4), 100425. <https://doi.org/10.1016/j.jfbs.2021.100425>

Steiner, A., Jack, S., Farmer, J., & Steinerowska-Streb, I. (2021). Are They Really a New Species? Exploring the Emergence of Social Entrepreneurs Through Giddens’s Structuration Theory. *Business & Society*. <https://doi.org/10.1177/00076503211053014>

Complete list of HOI publications available on [HOI website](#).

APPENDIX 3: THE SCANIA CENTER FOR INNOVATION AND OPERATIONAL EXCELLENCE

This appendix is for the Scania Center for Innovation and Operational Excellence and is meant to report specific events and activities tied to the generous donation for the center. The main report covers most HOI events, but here we would like to highlight a few special items that relate specifically to Scania.

SPECIAL EVENTS AND ACTIVITIES

- **Scania** is a key corporate partner and generous donor to HOI and SSE. The company is involved in in programs at all levels.
- Scania plays an important role in the **Master Program in Business and Management (MBM)**, which was redesigned in 2020 and launched in 2021 to focus more on business development. Scania initiates a live project that the students work on for a week at the program's start, and the project concludes with presentations to managers and employees within Scania. The company also sponsored a case competition where the winners were invited to present their solution at the Scania corporate offices in Södertälje.
- In addition to this, several students have written their theses on Scania and held internships in various units, including Scania's strategy department.
- The class of 2021 had 79 enrolled students, of which 48 were domestic students and 31 international students. Overall, 18 different nationalities were represented. The cohort consisted of 47 female and 32 male students. The MBM-program remains SSE's largest Master program after the MSc in Finance.
- Three Scania employees are currently undertaking their Ph.D. projects at HOI: **Marie Sara Bemler Mathias Larsson Carlander**, and **Mimmi Westman**.
- In 2021, HOI taught at various executive education programs with Scania management. These include Chef & Ledare, Scania Evolution, and Fem/Tio.
- In October 2021, Martin Sköld launched his podcast **Mitt Ledarskap** which features long-form interviews with leading corporate figures.
- In June 2021, Martin Sköld, with co-authors Åke Freij and Johan Frishammar, was awarded Best Paper 2020 for their article "New Entrant or Incumbent Advantage in Light of Regulatory Change: A Multiple Case Study of the Swedish Life Insurance Industry" published in *European Management Review*.
- **Magnus Mähring** participated in the Smart Society Sweden podcast by Karl-Adam Bonniers Foundation. The podcast explored the topic of how Sweden became a co-creation nation. It also featured Jennie Cato, Head of Public Affairs and Partnerships at Scania.
- In collaboration with Scania, **Anna Essén**, **Shiyuan (Eric) Liu** and **Magnus Mähring** initiated a new research project on ecosystem formation and experimental strategic search through external collaborations.
- In terms of research, there is a pipeline of articles for journals and conferences with Ph.D. candidates at the House of Innovation.

SELECTED RESEARCH PUBLICATIONS

(Publications marked with a gray background are authored by Research Fellows affiliated with HOI but not part of our Core Faculty. This distinction is captured by the "HOI Core" and "HOI Environment" terms indicated in the RESEARCH section on page 7. Some of our Affiliated Research Fellows have a primary affiliation either with other departments at SSE or with other universities.)

Amann, M., Granström, G., Frishammar, J., & Elfsberg, J. (2021). Mitigating not-invented-here and not-sold-here problems: The role of corporate innovation hubs. *Technovation*, 102377. <https://doi.org/10.1016/j.technovation.2021.102377>

Amaral Féris, M. A., Goffin, K., Zwikael, O., & Fan, D. (2021). Enhancing software development through project-based learning and the quality of planning. *R&D Management*, 51(5), 447–467. <https://doi.org/10.1111/radm.12435>

Averina, E., Frishammar, J., & Parida, V. (2021). Assessing sustainability opportunities for circular business models. *Business Strategy and the Environment*, 00(0), 1–23. <https://doi.org/10.1002/bse.2964>

Bentzen, E., Freij, Å., & Varnes, C. J. (2021). The role of flexibility and complexity in response to regulatory change: A case study of innovation in a major Danish financial institution. *The International Journal of Entrepreneurship and Innovation*, 22(4), 229–239. <https://doi.org/10.1177/1465750320987929>

Cenamor, J., & Frishammar, J. (2021). Openness in platform ecosystems: Innovation strategies for complementary products. *Research Policy*, 50(1), 104148. <https://doi.org/10.1016/j.respol.2020.104148>

Emre Yildiz, H., Murtic, A., Klofsten, M., Zander, U., & Richtnér, A. (2021). Individual and contextual determinants of innovation performance: A micro-foundations perspective. *Technovation*, 99, 102130. <https://doi.org/10.1016/j.technovation.2020.102130>

Freij, Å. (2021). Regulatory change impact on technology and associated mitigation capabilities. *Technology Analysis & Strategic Management*, 00(0), 1–14. <https://doi.org/10.1080/09537325.2021.1963426>

Gama, F., Sjödin, D., Parida, V., Frishammar, J., & Wincent, J. (2021). Exploratory and exploitative capability paths for innovation: A contingency framework for harnessing fuzziness in the front end. *Technovation*, 102416. <https://doi.org/10.1016/j.technovation.2021.102416>

Goffin, K., Beznosov, A., & Seiler, M. (2021). Countering Commoditization Through Innovation Challenges for European B2B Companies: B2B companies can use a Commoditization-Innovativeness Matrix to identify actions to counteract the pervasive threat of commoditization that exists in many B2B markets. *Research-Technology Management*, 64(4), 20–28. <https://doi.org/10.1080/08956308.2021.1908721>

Linde, L., Frishammar, J., & Parida, V. (2021). Revenue Models for Digital Servitization: A Value Capture Framework for Designing, Developing, and Scaling Digital Services. *IEEE Transactions on Engineering Management*, 00(0), 1–16. <https://doi.org/10.1109/TEM.2021.3053386>

Mossberg, J., Söderholm, P., & Frishammar, J. (2021). Challenges of sustainable industrial transformation: Swedish biorefinery development and incumbents in the emerging biofuels industry. *Biofuels, Bioproducts and Biorefining*, 15(5), 1264–1280. <https://doi.org/10.1002/bbb.2249>

Sakellariou, E., Karantinou, K., & Goffin, K. (2021). Video-ethnography during Covid-19 and beyond: Generating user foresights in a virtual world. *Technological Forecasting and Social Change*, 169, 120817. <https://doi.org/10.1016/j.techfore.2021.120817>

Simms, C., Frishammar, J., & Ford, N. (2021). The front end in radical process innovation projects: Sources of knowledge problems and coping mechanisms. *Technovation*, 105, 102214. <https://doi.org/10.1016/j.technovation.2020.102214>

Complete list of HOI publications available on [HOI website](#).

APPENDIX 4: INDUSTRY EVENTS HOUSE OF INNOVATION 2021

19 JANUARY

Entrepreneurship and resilience in tough times: Lessons from leading family businesses

HOI and MISUM co-hosted the event which explored how family businesses build resilience by adopting key features (acceptance of reality, strong values, ability to improvise), leveraging advantages (long-term orientation, commitment, independence) and addressing challenges (dominant powers, conflicts and limits) and how this can be used and replicated by other types of organizations to bounce back after a crisis. Speakers included Jacob Wallenberg, Chairman of the Board, Investor AB, Lovisa Hamrin, CEO, Herenco, Fredrik Spendrup, CEO, Spendrups, and HOI's Mattias Nordqvist. The event was moderated by HOI's Sarah Jack.

24 MARCH

Together beyond the crisis: Sustainable developments for benefit of business and society

As part of Mois de Francophonie, HOI co-hosted the event with the embassies of Switzerland, Canada, Belgium, and Serbia. The event had speakers from HOI, SSE, industry and the Swiss embassy and it examined how covid-19 served to bolster entrepreneurship and innovation. Building on research conducted at the Stockholm School of Economics together with leading practitioners from Switzerland, Canada, Belgium and Serbia, this conference offered insights into how businesses can be part of a transition to a more sustainable world.

13 APRIL

SSE talks on East Africa: The importance of large companies to economic development

MISUM, SSE Institute for Research and HOI in collaboration with the Swedish East African chamber of commerce co-hosted the screening of a short film on the growth of East Africa, and the importance of large companies to economic development. The screening was followed by a panel discussion.

22 APRIL

Managing the three pillars of sustainability

HOI, MISUM and SASSE Entrepreneurship Society hosted the webinar about resolving conflicts between social, environmental, and economic goals. At the event, HOI researchers, Kathleen Burke and Margo Enthoven, guided participants through a hands-on experimentation with idea generation for resolving conflicting goals. At the event, the Social Innovation Scholarship was awarded to two SSE students, Maakwe Cumanzala and Louise Ribrant.

28 APRIL

AmCham Sweden webinar: Redesigning leadership together

The American Chamber of Commerce in Sweden organised the event which explored how people in organizations want to create a better world through more meaningful work and how in this context jobs will need to have more purpose and meaning in the future if businesses are going to thrive. However, current leadership models are not capable of addressing these values well. HOI's Roberto Verganti discussed this dilemma as it applies to the future of work, the importance of collaboration between different organizations, and new ways to lead.

17 MAY

Public procurement of resource-efficient, circular, and sustainable solutions: Challenges and findings

HOI co-hosted with MISUM, Örebro Universitet, MISTRA Rees, and Linköpings Universitet the workshop which was designed for procurers and suppliers to explore how to overcome challenges of functional procurement and succeed in establishing circularity. The workshop centered on the struggles of functional procurement and aimed to answer questions of circularity, innovation, and strategy. Workshop facilitators mapped the key challenges of circular public procurement and demonstrated process redesign practice across four pillars: 1) structure and culture of the public organization, 2) business models and business structure, 3) public-private communication and collaboration, and 4) legal challenges and interpretation of the legal system.

19 MAY

How can innovative business solutions address global challenges in a rapidly changing world?

HOI, Axfoundation, Global Compact Network Sweden, and MISUN hosted a webinar on innovation and sustainable business change through digitalization. The webinar had speakers from hoi (Emilie Fröberg, Magnus Mähring and Erik Wetter) as well as the Swedish Space Agency, Mat.se, and Hemfrid.

26 MAY

Stockholm explorative talks: The art of ignoring

Stockholms Akademiska Forum organised the event in which Anna Essén led a discussion exploring "the art of ignoring - understanding the space between knowing and not-knowing". She explained the art of ignoring and its structural enablers, by sharing case studies of how actors invest time and labor in accumulating data that are then systematically ignored, as well as more episodic forms of ignoring, where actors make efforts to avoid knowing about potential scandals in order to escape responsibility.

1 JUNE

Becoming a data-driven organization

Sebastian Krakowski shared knowledge and insights from current research on digitalization and strategy, with a particular focus on how a data-driven approach can promote innovation and competitiveness in organizations and which challenges are likely to present themselves along the way. The seminar was organized by SSE Executive Education.

5 OCTOBER

WASP-HS and FinTech: Perspective of the social sciences and humanities

WASP-HS hosted the event which explored the new opportunities created by the advances in financial technology and the numerous challenges emerging that require a broad and multidisciplinary approach. The event brought together academics and practitioners to discuss these issues and build the foundation for further analysis for the emerging field of FinTech from the perspective of the social sciences and humanities. HOI's Magnus Mähring and Sebastian Krakowski chaired the roundtable discussion "Does AI bring radical change to the FinTech sector?".

15 OCTOBER

Hybrid Futures: The blending of AI and 'digital' into life, work and society

HOI organized its major annual event, as part of the national program Digitalidag. This conference focused on the increasingly intimate, entangled relationship we have developed with Artificial Intelligence, with digital and social platforms, and with other digital technologies, and how this changes organizations, new ventures, and our work and lives. The event had 14 speakers, six SSE moderators and almost 600 registered attendees from across the world participating in lively discussions about hybridity.

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4 NOVEMBER

State influence and corporate strategy

Roxana Turturea presented a seminar about how governments exert influence over companies under their jurisdiction, including internal forms of influence. The presentation aimed to provide insights from state influence research together with practical examples on why and how companies interact with governments. This webinar was organized jointly by SSE Executive Education and HOI.

18 NOVEMBER

Open Innovation: How to leverage external knowledge and the wisdom of the crowd

Kathrin Reinsberger presented an industry seminar on how to leverage external knowledge and the wisdom of the crowd. The presentation aimed to bridge the gap between managerial decisions and their effects investigated in empirical studies with the question on "how to best leverage the wisdom of the crowd in Open Innovation". This webinar was organized jointly by SSE Executive Education and HOI.

15 DECEMBER

Dialogues at the Garden – Reframe to restart

During the event, Roberto Verganti and Mattia Bianchi, SSE professors and directors of The Garden, connected with researchers, corporate, and society leaders in a digital conversation on reframing, one of the most sophisticated and advanced capabilities for our human mind. The event held at HOI featured nine speakers from academia, and the private, public and not-for-profit sectors.

During the event, the Michael Treschow scholarship was awarded to Natalia Ikebara for her commitment to making a difference by applying design thinking methodologies and translating problems into solutions. The scholarship was established by Michael Treschow to motivate creative design students to pursue higher education beyond bachelor studies, and the recipient is awarded 100,000 SEK.

19 DECEMBER

How to successfully scale a flat organization

The presentation keynote by Mickaël Buffart discussed how many startups today have adopted a “self-directed” model, which includes flat organizational structures, minimal hierarchy, self-management, and an emphasis on empowerment. This webinar was organized jointly by SSE Executive Education and HOI.

SEPTEMBER – DECEMBER

SSE Executive Education

HOI researchers delivered seminars as part of four SSE Executive Education programs.

APPENDIX 5: ACADEMIC EVENTS HOUSE OF INNOVATION 2021

Title	Presenter/s	Date
Creating purpose in a purposeful world: exploring the value of agency in three films directed by David Lean	Professor William Gartner (Babson College)	2021-01-20
Digital foundations of business, operations, strategy and innovation	Multiple presenters incl. Professor Magnus Mähring and Associate Professor Anna Essén (Stockholm School of Economics)	2021-02-10
The role of artificial intelligence and data network effects for creating user value	Professor Ola Henfridsson (Miami Herbert Business School)	2021-02-24
CEO health and corporate governance	Associate Professor Joacim Tåg (Lund University)	2021-03-17
Entrepreneurial space and the freedom for entrepreneurship	Associate Professor Wadid Lamine (University of Ottawa)	2021-04-07
The Palgrave Handbook of Family Firm Internationalization book release (Joint MISUM-HOI)	Multiple presenters incl. Professor Sarah Jack (Stockholm School of Economics)	2021-05-15
Selection regimes and selection errors for innovation projects	Professor Linus Dahlander (ESMT Berlin)	2021-04-21
Recruiting talent through entrepreneurs' social vision communication	Associate Professor Murat Tarakci	2021-05-26
Founding teams and start-up performance	Distinguished University Professor John Haltiwanger (University of Maryland)	2021-06-09
Silicon Valley Syndrome	Erling Persson Visiting Professor Olav Sorenson (University of California Los Angeles)	2021-09-15
How algorithmic work and datafication reconfigures value across service ecosystems	Visiting Professor of Digital Innovation Eivor Oborn (University of Warwick)	2021-10-06
Organizing for risk during the COVID-19 crisis: Improving through telemedicine in reimagining ophthalmic services	Distinguished Visiting Professor of Innovation Michael Barrett (University of Cambridge)	2021-10-11
From apps to ecosystem (Joint SSE-HOI)	Visiting Professor Aron Lindberg (Stevens Institute of Technology)	2021-10-20

Rising through adversity
(Joint DMO-HOI)

Professor Dean Shepherd
(University of Notre Dame)

2021-11-10

**Stakeholder ideological incongruence and diffusion
of controversial practices: Evidence from LGBT
domestic partner benefits adoptions by US public
universities**
(Joint DMO-HOI)

Associate Professor Abhinav Gupta
(University of Washington)

2021-12-01

Past HOI events available on [HOI website](#).

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