



Name	Daria Shteinbrekher
Position, Department/Faculty	Associate Professor, Department of Management
Academic Degree, Academic Title	PhD
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EDUCATION:

Basic education (university, major, year of graduation):

MSc in Project Management (with honours), National Aerospace University "Kharkiv Aviation Institute", Ukraine, 28 February 2014. Awarded a "red diploma".

Postgraduate/Doctoral studies:

PhD in Technical Sciences (Project and Program Management), National Aerospace University "Kharkiv Aviation Institute", Ukraine, 2020.

Thesis: "Model and methods of proactive knowledge management technology for high-tech projects team".

Additional training, certification programs:

Summer school "Sustainability and the Global Economy", KTH Royal Institute of Technology, Stockholm, Sweden (June 2018); B2 English Test, Pearson PTE (July 2019).

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Associate Professor, Department of Management

National Aerospace University "Kharkiv Aviation Institute", Ukraine

09/2020 – present

Teaching undergraduate and graduate courses in project management, decision-making, and project analysis.

Supervision of student research projects and theses in project and knowledge management.

Participation in international research projects and university–industry cooperation initiatives, including within the DESSERT research centre.

Project Management Consultant

Al Asab General Transport & Contracting Company, UAE

06/2020 – 05/2021

Development of best practices and tools for project execution and management.

Establishing project management standards for issue and risk management, project status communication and project close-out activities.

Business process reengineering in resource planning, cost estimation and scope control.

Configuring Oracle Primavera Cloud to support team collaboration and real-time reporting throughout the project lifecycle.

Project Manager, Center of Innovation Development

National Aerospace University "Kharkiv Aviation Institute", Ukraine

09/2014 – 10/2020

Coordination of EU-funded academic projects (Tempus, Erasmus+) and Swedish-funded networking initiatives supported by Svenska Institutet.

Project planning and tracking; definition of key milestones and performance indicators.

Organisation of coordination meetings, workshops, open lectures, conferences and study visits.

Preparation of project documentation and reports for stakeholders and working groups; delivery of objectives within defined budgets and deadlines.

Lecturer Assistant, Department of Management

National Aerospace University "Kharkiv Aviation Institute", Ukraine

09/2014 – 08/2020

Teaching courses in project management and related disciplines at bachelor and master level.

Preparation of lecture materials, practical assignments and assessment tasks.

Participation in the development of curricula in project management and university–industry cooperation.

Teaching Experience:

More than 6 years of academic teaching experience at National Aerospace University "KhAI", delivering more than 15 undergraduate and graduate courses in project management and related disciplines.

Selected courses taught:

- Project Management Methodology (including research project component)
- Project Management Tools
- Basics of Business Planning
- Strategic Management
- Executive Decision-making and Project Analysis

Experience in International or National Projects:

EU Erasmus+ HRLAW: “European Human Rights Law for Universities of Ukraine and Moldova” – Project Manager for Ukrainian partners.

EU Erasmus+ ALIOT: “Internet of Things: Emerging Curriculum for Industry and Human Applications” – Assistant Project Manager for Ukrainian partners.

EU Tempus ECOTESY: “Interregional Network for Innovative Development of Ecosystems Technosphere” – Business Analyst.

EU Tempus KTU: “Knowledge Transfer Unit – From Applied Research and Technology-Entrepreneurial Know-How Exchange to Development of Interdisciplinary Curricula Modules” – Project Manager for Ukrainian partners.

Swedish-funded projects (Svenska Institutet): “Capacity Building and Curriculum Reform in Safety IT-Engineering” and “InnoValueNet: Transnational network for enabling climate for creativity and innovation” – Project Manager.

PROFESSIONAL ACHIEVEMENTS AND AWARDS

MSc degree with honours (“red diploma”) in Project Management, National Aerospace University “KhAI”.

M. E. Zhukovsky scholarship.

Verkhovna Rada of Ukraine scholarship.

First place in the All-Ukrainian Olympiad in Project Management (Kyiv, University “KROK”).

RESEARCH ACTIVITIES:

Main research areas:

- Proactive knowledge management in high-tech project environments;
- Project planning and tracking under uncertainty;
- Prevention and management of project knowledge loss;
- University–industry cooperation and knowledge transfer mechanisms;
- Global business infrastructure and technology implementation;
- Vendor and stakeholder management in large-scale projects.
- Overall scientific output includes more than 20 scientific publications in journals, conference

proceedings and a co-authored monograph chapter on university–industry cooperation.

SELECTED PUBLICATIONS:

- Vartanyan V. M., Shteinbrekher D. O. "Suchasni pidkhody do zberezhennia znan na pidpriemstvakh yadernoi haluzi" [Modern approaches to knowledge preservation at nuclear industry enterprises]. *Intehrovani tekhnolohii ta enerhozberezhennia*, 2018, No. 1, pp. 77–87.
- Vartanyan V. M., Shteinbrekher D. O. "Vykorystannia modeli neliniinoi dynamiky dlia analizu vplyvu systemy upravlinnia znanniamy na realizatsiiu vysokotekhnolohichnykh proektiv" [Use of a non-linear dynamics model to analyse the impact of a knowledge management system on high-tech project implementation]. *Aviatsionno-kosmicheskaia tekhnika i tekhnologii*, 2019, No. 3(155), pp. 76–82.
- Vartanyan V. M., Shteinbrekher D. O. "Zastosuvannia metodu analizu iierarkhii dlia pobudovy stratehii upravlinnia znanniamy vysokotekhnolohichnykh proektiv" [Application of the analytic hierarchy process to build a knowledge management strategy for high-tech projects]. *Radioelektronni i komp'uterni systemy*, 2019, No. 2(90), pp. 118–126.
- Vartanyan V., Shteinbrekher D. "Complex Method of the Knowledge Management Efficiency Evaluation in the Project Environment". *Visnyk NTU "KhPI"*, 2019, No. 16, pp. 64–68.
- Shteinbrekher D. O. "Intehrovana model upravlinnia ryzykom vtraty znan v proektnomu seredovyschi" [Integrated model of knowledge loss risk management in the project environment]. *Zbirnyk naukovykh prats Kharkivs'koho natsional'noho universytetu povitrianykh syl: Kibernetyka ta systemnyi analiz*, 2017, No. 3(52), pp. 107–112.
- Shteinbrekher D. O. "Upravlinnia ryzykom vtraty znan proektno-orientovanykh orhanizatsii" [Management of knowledge loss risk in project-oriented organisations]. *Radioelektronni i komp'uterni systemy*, 2017, No. 2(82), pp. 104–108.
- Shteinbrekher D. A. "Primeneniie ob"ektno-strukturnogo analiza v upravlenni proektnymi znaniiami" [Application of object-structural analysis in project knowledge management]. *Radioelektronnye i komp'uternye sistemy*, 2016, No. 6(80), pp. 228–234.
- Shteinbrekher D. O. "Stratehiia upravlinnia znanniamy u naukoiemnykh proektakh aviatsiinoi haluzi" [Knowledge management strategy in knowledge-intensive projects in the aviation industry]. *Aviatsionno-kosmicheskaia tekhnika i tekhnologii*, 2017, No. 4(139), pp. 112–118.
- Shteinbrekher D. O. "Vykorystannia instrumentiv upravlinnia znanniamy dlia pidvyshchennia efektyvnosti vzaiemodii universytetiv ta promyslovosti" [Use of knowledge management tools to enhance university–industry cooperation]. *Visnyk NTU "KhPI". Serii: System analysis, management and information technologies*, 2017, No. 28(1250), pp. 98–102.

Conference papers (selected):

– Shteinbrekher D. “Integrated Knowledge Loss Risk Management Model in the Project Environment”. In: Proceedings of the 2nd European Conference on Industrial Engineering and Operations Management (IEOM), Paris, 2018, pp. 1740–1751.

Shteinbrekher D., Danko K. “Evaluation of knowledge management system for university-industry cooperation”. In: Proceedings of the 9th International Conference on Dependable Systems, Services and Technologies (DESSERT), 2018, pp. 672–676.

ADDITIONAL INFORMATION:

Languages: Ukrainian (native), English (B2, Pearson PTE), German (A1).

IT and professional tools: MS Project, MATLAB, Mathcad, Primavera / Oracle Primavera Cloud, MS Office suite, standard online communication and collaboration platforms.