

Ekaterina Babintseva

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ACADEMIC APPOINTMENTS

Harvey Mudd College, Department of Humanities, Social Sciences, and the Arts
Hixon Riggs Early Career Fellow in Science and Technology Studies, 2020 – present

EDUCATION

University of Pennsylvania, School of Arts and Sciences. Philadelphia, PA.
Ph.D., History and Sociology of Science, May 2020.

Dissertation: “Cyberdreams of the Information Age: Learning with Machines in the Cold War United States and the Soviet Union.”

Dissertation Committee: M. Susan Lindee (Chair), John Tresch, Adelheid Voskuhl, Benjamin Nathans, Stephanie Dick.

Central European University, Budapest, Hungary.
M. A. in Gender Studies (with honors), 2012.

FELLOWSHIPS AND GRANTS

ACM History Committee Fellowship. 2020.

William Helfand/HSSC Fellow, University of Pennsylvania. 2019-2020.

Dissertation Fellowship, Consortium for the History of Science, Technology, and Medicine. 2018-2019.

Fellowship in the History of Electrical and Computing Technology, the Institute of Electrical and Electronics Engineers History Center. 2018-2019 (declined).

Dissertation Completion Fellowship, National Academy of Education. 2018-2019 (declined).

Dissertation Completion Fellowship, University of Pennsylvania. 2018-2019 (declined).

The Adelle and Erwin Tomash Fellowship in the History of Information Technology, the Charles Babbage Institute. 2017-2018.

Dissertation Research Fellowship, University of Pennsylvania. 2017-2018.

Fellowship in the History of Electrical and Computing Technology, the Institute of Electrical and Electronics Engineers History Center. 2017-2018 (declined).

The Graduate and Professional Student Assembly Research Travel Grant, University of Pennsylvania. 2017.

Teece Fellowship, University of Pennsylvania. 2016.

The Arthur L. Norberg Travel Fund, the Charles Babbage Institute. 2016.

Travel Grant, Society for the History of Technology. 2016.

Bers Fund Fellow, University of Pennsylvania. 2015.

Travel Grant, Society for the History of Technology. 2014.

Travel Grant, University of Pennsylvania. 2014.

Benjamin Franklin Fellowship, University of Pennsylvania. 2013-2018.

Master's Scholarship, Central European University. 2011-2012.

Alumni Scholarship, Central European University. 2011-2012.

IREX Global UGRAD Fellowship. 2008-2009.

PEER-REVIEWED PUBLICATIONS

“From Pedagogical Computing to Knowledge Engineering: The Many Lives of Lev Landa’s Algo-Heuristic Theory,” in *Abstractions and Embodiments*, edited by Stephanie Dick and Janet Abbate. Johns Hopkins University Press (submitted)

“‘Overtake and Surpass:’ Soviet Algorithmic Thinking as a Reinvention of Western Theories,” in *Cold War Social and Behavioral Sciences: International and Transnational Entanglements*, edited by Mark Solovey and Christian Daye. Palgrave Macmillan (accepted).

OTHER PUBLICATIONS

[“The Development of Computer-Based Education in the Cold War United States and the Soviet Union \(Norberg Grant\),”](#) in *Charles Babbage Institute Newsletter* 38 (2016): 19-22.

CONFERENCES AND INVITED PRESENTATION

Conferences

- “Creative Thinking Control: Lev Landa and his Algo-Heuristic Theory,” the 2nd International Conference on Heuristics: Motivation, Orienting, and Modeling Invention (*a cognitive science conference*), Balatonfüred, Hungary, August 2019.
- “Soviet Psychology and the Information Age: Algorithms, Creativity, Heuristics,” European Society for the History of the Human Sciences meeting, Budapest, Hungary, July 2019.
- “The Cybernetic Effect: Soviet Mind Research in the 1960s and 1970s,” Networks: The Creation and Circulation of Knowledge from Franklin to Facebook, American Philosophical Society, Philadelphia, June 2019.
- “Formalizing Creativity: Teaching Computers and Soviet Research in Artificial Intelligence,” Towards the History of Artificial Intelligence, Columbia University, New York City, May 2019.
- “Creativity for the Information Age: Algorithms, Heuristics, and Soviet Psychology of Thinking in the 1960s-1970s,” History of Science Society, Seattle, November 2018.
- Panel Organizer: “All Too Human: Formalizations, Models, and Algorithms in the 20th-Century Human Sciences.”*
- “Technologies of Creativity: Minds, Algorithms, and Education in the Mid-Century Soviet Union,” Society for the History of Technology, St. Louis, October 2018.
- “The Cybernetic Effect: The Origins of Soviet Psychology of Thinking,” History of Science Society, Toronto, November 2017.
- “Technologies of Creativity: Psychology of Thinking and Computer-Based Education in the Soviet Union,” Special Interest Group for Computers, Information, and Society, Philadelphia, October 2017.
- “Trading PLATO: US-Soviet Cooperation in Computer-Based Education,” Society for the History of Technology, Philadelphia, October 2017.
- “Mind Management: Soviet Projects in Computer-Based Education,” UCSB/GWU/LSE International Graduate Student Conference, Santa Barbara, April 2017.

“The Management of the Mind: American Influence on the Soviet Psychology of Learning,” Midwest Junto for the History of Science, Bloomington, March 2017.

“From Drills to Critical Skills: The Developments of the PLATO computer in post-World War II United States,” Society for the History of Technology, Singapore, June 2016.

“Between Life and Mechanism: The Notion of Information in Warren McCulloch's Theory,” Special Interest Group for Computers, Information, and Society, Dearborn, November 2014.

Invited Presentations and Workshops

“How to Make Learning Rational: Soviet Psychology of Thinking in the 1960s,” Cold War Social and Behavioral Sciences: International and Transnational Entanglements, University of Toronto, May 2019.

“Eugenics Movement,” lecture delivered March 2015 for Prof. Jonathan Moreno’s *Bioethics*, Department of History and Sociology of Science, University of Pennsylvania.

CONFERENCES ORGANIZED

Conference “Sorting Brains Out: Tasks, Tests, and Trials in the Neuro- and Mind Sciences, 1890-2015,” co-organized with Prof. John Tresch, Tabea Cornel, and Matthew Hoffarth, University of Pennsylvania, September 18-19, 2015.

TEACHING EXPERIENCE

University of Pennsylvania, College of Liberal and Professional Studies. Instructor.

The Information Age. Summer 2018.

University of Pennsylvania, School of Arts and Sciences and Wharton School of Business. Teaching Assistant.

Value Creation and Value Capture in American Business History, Prof. Daniel Raff. Spring 2017, Fall 2017, Spring 2018, and Fall 2018 (Grader).

Technology and Society, Prof. Etienne Benson. Spring 2016 (Grader).

Comparative Medicine, Prof. Projit Mukharji. Fall 2015

Bioethics, Prof. Jonathan Moreno. Spring 2015.

Science, Technology, and War, Prof. Matthew Hersch. Fall 2014.

OTHER PROFESSIONAL EXPERIENCE

Bibliographic Assistant to Prof. Susan Lindee. Fall 2015.

SERVICE

Consultant, *The Cybernetics Thought Collective: A History of Science and Technology Portal Project*, the University of Illinois Archives, the British Library, the American Philosophical Society, and the Massachusetts Institute of Technology, 2018.

LANGUAGES

Russian (Native speaker)
English (Fluent)
French (Intermediate)

REFERENCES

M. Susan Lindee, Janice and Julian Bers Professor of History and Sociology of Science, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA, 19104, USA, +1 (215) 898-2271, mlindee@sas.upenn.edu

John Tresch, Mellon Chair in History of Art, Science and Folk Practice, Warburg Institute, School of Advanced Study, University of London, Woburn Square, London WC1H 0AB, United Kingdom, +44 (7780) 397-603, john.tresch@sas.ac.uk

Stephanie Dick, Assistant Professor, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA, 19104, USA, +1 (215) 898-5893, sadick@sas.upenn.edu

Benjamin Nathans, Associate Professor, Department of History, University of Pennsylvania, College Hall 208, Philadelphia, PA, 19104, USA, +1 (215) 898-4958, bnathans@history.upenn.edu

Adelheid Voskuhl, Associate Professor, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA, 19104, USA, +1 (215) 898-5893, avoskuhl@sas.upenn.edu