

CURRICULUM VITAE

Anna Karpovsky

Current as of February 2024

Personal:

Anna Karpovsky

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Citizenship: United States

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Academic Appointments:

Assistant Professor of Practice, Business Analytics, **Boston College**, 2022 to present

Assistant Professor of Practice, Information Systems, **Boston College**, 2019 to 2022

Assistant Department Chair, Information Systems, **Boston College**, 2020 to 2022

Lecturer, Markets, Public Policy and Law, **Boston University**, 2015 to 2018

Visiting Assistant Professor, Management, **Bentley University**, 2015 to 2016

Adjunct Faculty, Management, **Bentley University**, 2012 to 2015

Adjunct Instructor, **ITT Technical Institute**, 2009

Academic Positions:

Bentley Doctoral Fellow Bentley University, 2010 to 2013

Research Associate, NFS grant #0189333, Bentley University, 2009 to 2010

NPSC Fellow, Boston University, 2001 to 2003

Education:

Bentley University, PhD, Business, 2009-2015

Boston University, PhD candidate in Computer Science/NPSC Fellow sponsored by National Security Agency, 2002-2003

Boston University, BA/MA, Computer Science, summa cum laude, 2001

Boston University, BA with distinction, Economics, 2001

Teaching:

Boston College, Fall 2022 to present

BZAN 2021: Coding for Business in Python

An introductory course in coding based on Python (a language suitable for all business and analytics programs) and SQL (Structured Query Language, the main language for working with databases). The course emphasizes coding literacy and teaches coding skills that are relevant for business decision makers.

ISYS7705: Data Analytics 3 in Python: In practice (asynchronous)

Modern information systems now generate massive volumes of data. Organizations everywhere struggle to aggregate, analyze, and monitor a growing deluge of data. Business Analytics capitalizes on this data by combining statistical and quantitative analysis, explanatory and predictive modeling, and fact-based management. Managers can explore patterns, predict future trends and develop data-driven decisions that affect all parts of modern organizations. This course provides students with a pragmatic familiarity with the capabilities and limitations of emerging analytics tech

Boston College, Summer 2023 to present

ISYS6645: Data Visualization in Tableau (asynchronous)

This course covers foundations of data visualization and best practices to help students effectively analyze data and present their insights clearly in a way that will engage their audience. The course provides discussions and presentations on ~~topics~~ visual perception, the various chart types and when to use them, the effective use of colors, typography, maps, and other visualization techniques for incorporating analytics and

techniques, an introduction to the R statistical computing software, an overview of methods and tools, and a core understanding required to be an intelligent manager, designer, and consumer of analytics models.

Boston College, Summer 2019

ISYS6650: FinTech Revolution

FinTech is the intersection of finance, technology, and regulation. The course aims to help students understand FinTech and recognize the challenges and opportunities the FinTech innovations pose. Students gain a basic understanding of the foundations and principles that enabled the rise of FinTech and examine cases for a ~~more~~ ^{deeper} analysis of specific innovations such as blockchain. The course advances students' knowledge of FinTech, much needed skill in the industry, and gives students insight into the applications, limitations, and risks of technological innovations in finance.

Boston University, Fall 2015 to 2018

QM323: Analytics for Business Decisions

This course exposes students to quantitative methods and modeling techniques that improves their ability to make informed decisions in an uncertain world. The first module focuses on methods and predictive models for decision making; how optimization models

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provides a newly developed integrative framework for IS strategizing and a typology of aligning activities, and goes on to provide a perspective on IS strategizing that incorporates considerations of power and influence. For practitioners, the research presents managers with concrete levers for improved practice.

Committee:

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Spanning Categories in FinTech (Collecting data)

The Effect of Venture Capital Investment Portfolio Diversification on Success in Digital Health (Preparing manuscript for submission to AOM Conference)

Previous Works Presented:

- “Back to Basics with Crypto”, Boston Women in Finance Panel, May 12, 2021
- “FinTech Evolution and Revolution: Blockchain”, Boston University, February 25, 2020; March 3 2020; March 2, 2021
- “Academic Honesty as Identity Work in a Classroom”, Center for Teaching Excellence, Boston College, 2020
- “FinTech Evolution and Revolution: Disruptive Technologies and Future of Finance”, Boston University, February 26 and March 5, 2019
- “Digital Health Strategy”, Data Blitz, Boston University, November 3, 2017
- “Operating in Response Mode”, Executive Leadership Summit sponsored by Foresite Uncasville, CT, May 2015
- “Information Systems Strategy: The role of strategists in strategizing processes and aligning practices”, Management Department Meeting, Bentley University, October 2014
- “Internet Topology Generator: Optimizing Tradeoffs”, BU, December 2002.
- “Intrusion-Resilient Signature Extensions”, with Professor Itkis, Boston University, November 2002.
- “An Indexing Mechanism with a Worst Case Guarantee” with Professor Byers, Boston University, May 2002.
- “Demand Estimation of PDAs and Analysis of PDA Market”, Boston University Professor Rysman, Spring 2001.
- “Simulation and Analysis of Load Profiling and Management for Web Services” Professor Bestavros, Boston University, Spring 2001.

Workshops:

- Blockchain Workshop, Global Leadership Institute at Boston College, December 7, 2021
- Tableau Workshop, Boston College Women Innovators Network, November 1, 2021
- Excel Workshop, Boston College Women Innovators Network, April 6, 2021

Podcasts:

- WIBcast, October, 2021

Awards:

- “Traditions of Formation and Our Teaching”, Faculty Cohort on Teaching Fellowship, Boston College, 2020 to 2021
- Carroll School Teaching Star, Boston College, Spring 2019
- “Applying Learning Sciences to Our Teaching” Faculty Cohort on Teaching Fellowship, Boston College, 2019 to 2020
- The Inaugural Center for Teaching & Learning Fellowship, Boston University, 2017 to 2018
- Reviewer of the Year, Journal of Strategic Information Systems, 2014

Professional Service:

Internal academic services:

Information Systems Concentration Coordinator, Boston College, 2024 to present

University Teaching Committee, Boston College, 2021 to present

Faculty Undergraduate Student Advisor, Boston College, 2020 to present

Assurance of Learning Committee, Boston College, 2020 to present

Field Marshal, Commencement, Boston College, 2020-2024

University Teaching Committee: Student Mental Health Subcommittee, Boston College, -

Reporter for Bentley University Center for Women and Business Women's Initiatives