

**Katerina Ivanov, PhD**  
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**RESEARCH INTERESTS**

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Financial institutions, Financial Crisis, Systemic Risk, Health Finance.

**EDUCATION**

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<b>Ph.D.</b>	<b>University of North Carolina - Charlotte</b> , NC, July 2016 Major: <b>Finance</b> ; Minor: <b>Economics</b> Dissertation: "Identify Too Big to Fail Banks and Capital Insurance" GPA: 4.0
<b>M.S.</b>	<b>University of North Carolina - Charlotte</b> , NC, May 2013 Major: <b>Mathematical Finance</b> GPA: 4.0
<b>M.S./ B.S.</b>	<b>State Power Engineering University</b> , Russia, August 2007 Major: <b>Financial Management</b> GPA: 3.88
<b>Visiting Scholar</b>	<b>Gardner – Webb University</b> , Boiling Springs, NC, May 2007 <b>US Congress Grant</b> Major: <b>Finance</b>

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**ACADEMIC EXPERIENCE**

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<b>August 2019 – Present</b>	<b>Queens University of Charlotte, McColl School of Business</b> Assistant Professor of Finance & Economics
<b>Aug 2016 – July 2019</b>	<b>Pfeiffer University, School of Business and Division of Applied Health Sciences</b> <b>Graduate and Degree Completion Programs: MBA &amp; MHA, B.S. in Business Administration &amp; B.S. in Health Administration</b> Assistant Professor of Finance & Economics
<b>Aug 2015 – July 2016</b>	<b>University of North Carolina - Charlotte, Belk College of Business</b> Instructor of Finance

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**PEER-REVIEWED PUBLICATIONS AND BOOK CHAPTERS**

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**Ivanov, K.** and Jiang, J. (2020), "Does securitization escalate banks' sensitivity to systemic risk?", *Journal of Risk Finance*, Vol. 21 No. 1, pp. 1-22.

**Ivanov, K.** "Physical Activity, Chronic Conditions, and Disabilities across the US Population: Comprehensive Assessment of Current Patterns and Two-Decade Time Trends." *Advances in Exercise and Health for People with Mobility Limitations*. Springer, Cham, 2019. 215-232.

**Ivanov, K.** Identify Too Big to Fail Banks and Capital Insurance: an Equilibrium Approach. *Risk Governance and Control: Financial Markets & Institutions*, 2017, 7(4),62;

**Panttser, E.** & Tian, W. The Bank Capital: An Insurance Perspective. *Challenges to Financial Stability - Perspective, Models and Policies*, 2015;

**Panttser, E.** & Tian W. A Welfare Analysis of Capital Insurance, *Risks*, 2013, 1(2), 57-80.

## **CONFERENCES & PROFESSIONAL DEVELOPMENT ACTIVITIES**

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### **Peer –Reviewed Presentations, Discussions and Session Chairing**

- Nov 2019 American Public Health Association Annual Meetings and Expo 2019, Philadelphia, PA – **peer-reviewed presentation. Best Pharmacy Section Professional Abstract Award.**
- Oct 2018 The Magna Teaching with Technology Conference in St. Luis, MO – **peer-reviewed presentation.**
- Nov 2017 American Public Health Association Annual Meetings and Expo 2017, Atlanta, GA – **peer-reviewed presentation.**
- Jun 2016 European Financial Management Association Annual Meeting 2016, Basel, Switzerland – **peer-reviewed presentation/discussant**
- Apr 2016 Eastern Finance Association Annual Meeting 2016, Baltimore, MD – **session chair/peer-reviewed presentation/discussant**
- Mar 2015 Midwest Finance Association Annual Meeting 2015, Chicago, IL – **session chair/ peer-reviewed presentation/ discussant**
- Oct 2014 Financial Management Association Annual Meeting 2014, Nashville, TN - – **session chair/ peer-reviewed presentation/ discussant**
- Apr 2014 Eastern Finance Association Annual Meeting 2014, Pittsburgh, PA – **peer-reviewed presentation/discussant**
- Mar 2014 Midwest Finance Association Annual Meeting 2014, Orlando, FL – **peer-reviewed presentation/discussant**

### **Non-Peer-Reviewed Presentations and Discussions**

- Dec 2019 “Does securitization escalate banks’ sensitivity to systemic risk?” Federal Reserve Bank of Richmond, Charlotte NC – **invited presentation (broadcasted to Baltimore and Richmond branches)**
- Nov 2018 Innovations in Healthcare Annual Meeting in coordination with Southern Atlantic Healthcare Alliance and Pfeiffer University, Raleigh, NC - **discussant**
- Sep 2018 “Who Gains Access to Health Care? Multinomial Logit Regression Model to Assess a Large Sample of Survey Respondents. Medical Tourism: Globalization of Healthcare in coordination with ACHE of the Triad and Pfeiffer University, Greensboro, NC – **panel session organizer/ – invited presentation**
- May 2018 ACHE of the Triad Spring Symposium, Novant Health Kernersville Medical Center, Kernersville, NC - **discussant**
- April 2018 “Quality of Nursing Home Care during the Last Decade: Effects of Provider Characteristics and ACA.” Leadership to Foster the Culture and Innovation Annual Meeting in coordination with GCHEG and Pfeiffer University, Charlotte, NC
- Feb 2018 “Who Gains Access to Health Care? Multinomial Logit Regression Model to Assess a Large Sample of Survey Respondents”. 3rd Annual Health Disparities Conference UNC Charlotte, Charlotte NC – **invited presentation**
- Oct 2017 “Causal Relationship between Hospital Readmission Reduction and Inpatient Value-Based Purchasing Programs: Evidence from Least Square Estimates with Robust Standard Errors and Quantile Regression Assessment.” Pfeiffer University, Research Colloquium, Charlotte, NC — **invited presentation**
- Oct 2017 Leadership & Innovation in Healthcare Annual Meeting in coordination with the Southern Atlantic Healthcare Alliance and Pfeiffer University, Burlington, NC - **discussant**
- Sep 2017 “Causal Relationship between Hospital Readmission Reduction and Inpatient Value-Based Purchasing Programs: Evidence from Least Square Estimates with Robust Standard Errors and

Quantile Regression Assessment”. *The Promise and Perils of Precision Medicine Annual Meeting*, in coordination with ACHE and Pfeiffer University, Greensboro, NC– **invited presentation**

Nov 2016 “Identify Too Big to Fail Banks and Capital Insurance: an Equilibrium Approach”. Pfeiffer University Research Colloquium, Charlotte, NC – **invited presentation**

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### **WORKING PAPERS**

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- Ivanov, K. Characteristics of Securitization and Systemic Risk of Financial Institutions: Evidence from the US BHCs.
- Ivanov, K. The relationship between credit risk transfer and non-performing loans.
- Ivanov, K. Improving HCAHPS and 30-Day Readmission Reduction Scores through Comprehensive Medication Reconciliation Pharmacy Service
- Ivanov, K. Causal Relationship between Hospital Readmission Reduction and Inpatient Value-Based Purchasing Programs: Evidence from Least Square Estimates with Robust Standard Errors and Quantile Regression Assessment.

### **TEACHING EXPERIENCE**

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<u>Course Number</u>	<u>Title</u>	<u>Institution</u>
MBA 635	<i>Managerial Corporate Finance (graduate) online–coming in Sp’21</i>	Queens University of Charlotte
MBA 640	<i>Managing in a Global Context (graduate) F2F, virtual</i>	Queens University of Charlotte
MBA 665	<i>Futures and Options (graduate) online</i>	Queens University of Charlotte
FIN 479	<i>Financial Policy (undergraduate) F2F, virtual</i>	Queens University of Charlotte
FIN 376	<i>Financial Markets and Institutions (undergraduate) F2F, virtual</i>	Queens University of Charlotte
FIN 480	<i>Financial Derivatives (undergraduate) F2F</i>	Queens University of Charlotte
FIN 478	<i>International Finance (undergraduate) F2F</i>	Queens University of Charlotte
ECO 203	<i>Macroeconomics F2F, virtual</i>	Queens University of Charlotte
MHA 730	<i>Health Economics (graduate) online</i>	Pfeiffer University
MBA 706	<i>Managerial Finance (graduate) online</i>	Pfeiffer University
MBA 705	<i>Economics for Leadership (graduate) online</i>	Pfeiffer University
MHA 740	<i>Health Care Financial Management (graduate) F2F, online</i>	Pfeiffer University
MHA 790	<i>Practicum in Health Administration (graduate) online</i>	Pfeiffer University
HA 300	<i>Principles of Healthcare Management (undergraduate) online</i>	Pfeiffer University
BMAL 381	<i>International Business (undergraduate) online</i>	Pfeiffer University
FINN 3120	<i>Financial Management (undergraduate) F2F</i>	UNC - Charlotte

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- Taught a variety of undergraduate and graduate courses in face-to-face, synchronized virtual (via RingCentral) and online formats.
- Redesigned the following MBA online courses in coordination with instructional designers: Futures and Options, Managerial Corporate Finance/Queens University of Charlotte
- Lead Professor for Health Services Financial Management graduate course/Pfeiffer University
- Designed a new course for BS in Health Administration curriculum – Financial Management for Health Care Organization to include in the curriculum/Pfeiffer University
- Designed a new course for Master of Health Administration curriculum: Health Administration Research Methods and Analytics//Pfeiffer University
- **Pedagogical modalities used:** In-class lecture, online class, semi-flipped classroom, case-study approach, visual modality (visual representations - pictures, videos, graphics and self-made videos of numerical

problems solved in Excel); auditory modality (students' group and individual presentations, allowing students to express their ideas and thoughts). Inviting guest speakers/industry professional to give presentation on the related topics

- **Course evaluations (5.0 scale).** Detailed evaluations are available upon further request.

*Spring '20:*

MBA 665 Futures and Option (*online*): 3.9

*Fall '19:*

FIN 480 Financial Derivatives (*F2F*): 4.8

FIN 478 International Finance (*F2F*): 4.9

ECO 203 001 Macroeconomics (*F2F*): 4.4

ECO 203 002 Macroeconomics (*F2F*): 4.6

*Spring '18:*

MHA 740 M90 Health Care Financial Management (*online*): 4.5

MHA 790 M90 Practicum in Health Administration (*online*): 4.9

*Fall '17:*

MHA 740 M90 Health Care Financial Management (*F2F*): 4.3

*Summer'16:*

FINN 3120 090 Financial Management (*F2F*): 4.8

## **SERVICE EXPERIENCE**

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### **Advising**

- McColl School of Business Royal Advisor – provide academic counseling to freshman student advisees (2020-present)
- McColl School of Business Advisor – advise undergraduate students (juniors and seniors) who are Finance majors (2019-present)
- Pfeiffer University - provide general academic counseling for the students in the degree completion program (BS in HA).
  - Developing individual plan of study for students based on the number of credits transferred.
  - Assistance with registration process.
  - Monitoring academic progress, including class work.
  - Pointing out “danger areas,” such as a low semester and/or cumulative average.
  - Maintaining accurate records for each advisee.
  - Course substitutions approval through the appropriate channels.
  - Assisting students by counseling them on career opportunities, methods for job searching, and university resources.
  - Upsilon Phi Delta Honor Society Advisor

### **Committee Service**

- *Business Analytics Search Committee (Queens University of Charlotte, January 2020-May 2020) - appointed*
- *Chair of the Graduate Curriculum Board (Pfeiffer University, August, 2018 – May, 2019) - elected*
  - Call and facilitate the curriculum board meetings on a monthly basis.
  - Review the submitted proposals for curriculum changes to ensure documents have been completed in the designated format.
  - Seek clarification of proposals, or if not in prescribed format, request that the originator(s) of the proposals respond to the Chairperson concerning these issues and resubmit the proposal.

- Make recommendations or comments to the proposal as deemed appropriate prior to submitting it to the Graduate Council for review.
- *CAHME committee: MHA program accreditation (Pfeiffer University, August, 2018 – May, 2019) - appointed*
  - Review the program eligibility and program preparation for initial CAHME accreditation.
- *Sabbatical Leave Committee (Pfeiffer University, August, 2018 – May, 2019) - elected*
  - Review and submit to the President and the Vice President for Academic Affairs in a timely manner, recommendations for Sabbatical Leave and the specific conditions of such leave.
- *Graduate Council (Pfeiffer University, August 2017 – May, 2019) - appointed*
  - Examine curriculum proposals for graduate programs received from the Graduate Curriculum Committee.
  - Review and/or develop proposals affecting academic policies relating to the graduate program.
  - Approve curriculum recommendations for graduate programs.
  - Serve as a court of appeal on academic grievance and procedural questions involving admission or readmission to graduate study.
  - Recommend policies concerning assistantships, fellowships, and scholarships
  - Recommend and approve policies dealing with matters of conduct affecting students in the graduate program.
  - Consider any other matters that may be referred to it by the Graduate Faculty, the Vice-President for Academic Affairs, the President of the University, or the Deans of Divisions having graduate programs.
- *Admissions Review Board (The Center for Professional Advancement) (Pfeiffer University, August, 2017 – May, 2019) - elected*
  - Make recommendations to the Dean of Continuing Education and Adult Professional Studies concerning applicants who are not automatically admissible to the School of Adult Studies, recommendations on policies, and examining issues dealing with admission and retention of students.
  - The recommendations of the Admissions Review Board are reported to the Executive Director and to the Office of Admissions in Charlotte.
- *Strategic Development: Health Administration Department (Pfeiffer University, November, 2017 – May, 2019) - appointed*
  - Identify strengths, weaknesses, threats and opportunities for development of MHA program.
  - Develop new course for MHA students (business analytics)
  - Establish and designing 2 tracks in MHA curriculum: health innovation and health analytics.
  - Design MHA Spring institute with the purpose to establish a F2F experience for the MHA students to strengthen the online program
  - Analyze raw enrollment data of MHA Program within the last five years' time span and consult on further strategies.

### **Community Outreach**

- Board Member of American College of Healthcare Executives (ACHE) of the Triad (August 2017 – May, 2019)
- Co-organized professional development event in collaboration with ACHE of the Triad and Pfeiffer University “Medical: Tourism: The Globalization of Healthcare”, September 2018
  - Finding the applicable topic for panel discussion;
  - Recruiting nationally recognized panelist speakers;
  - Developing the event program;
  - Collaborating with ACHE on administrative questions re: event organization

- Participated as a mentor in Greater Charlotte Healthcare Executives (GCHEG) Mentorship Program
  - Working with mentee to learn and collaborate around specific areas
  - Working with mentee related to personal growth areas; goals related to conflict and change management
  - Work with mentee on goals related to advance as a Fellow and increase ACHE involvement

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### **INDUSTRY EXPERIENCE**

**Sep 2007 – Dec 2010      Japan Tobacco International, Eastern Europe Headquarter, Moscow**

Financial Analyst (Financial Planning and Analysis: Consolidated Level)

**Primary Responsibilities:**

- Analyze current and past trends in key performance indicators including all areas of revenue, cost of sales, expenses and capital expenditures
- Monitored performance indicators, highlighting trends and analyzing causes of unexpected variance
- Identify, analyze, and document company databases to construct cost and utilization trends using time series analysis
- Develop a financial simulator to produce pro-forma financial statements based on what-if analysis underlying the demand model
- Quarterly and annual financial planning (balance sheet and income statement) for one of the entities operated in Russian market
- Ad-Hoc reporting and analysis
- Quarterly and Monthly Financial reports
- Develop financial models and analyses to support strategic initiatives
- Analyze complex financial information and reports to provide accurate and timely financial recommendations to management for decision making purposes
- Support Senior Management Team and Departments heads with in-depth analysis
- Prepare presentations to Board of Directors and Senior Management Team

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### **AWARDS & HONORS**

- ✓ AUPHA - Upsilon Phi Delta (UPD) Honor Society Chapter – July 22, 2017
- ✓ Graduate Student Award for Exemplary Research, UNC – Charlotte, 2015
- ✓ Dean of Business School Award for the best Diploma thesis, State Power Engineering University, Russia, 2007
- ✓ US Congress Academic Grant, 2006
- ✓ Prof. Karagin Fellowship for the outstanding academic performance, State Power Engineering University, Russia, 2003, 2005

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### **PROFESSIONAL AFFILIATIONS**

- ✓ Financial Management Association
- ✓ Midwest Finance Association
- ✓ Eastern Finance Association
- ✓ American Public Health Association
- ✓ American Healthcare Financial Management Association
- ✓ Beta Gamma Sigma Honor Society
- ✓ Upsilon Phi Delta Society

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### **REFERENCES**

**Available upon request**