

ALIA C. STANCIU

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EDUCATION

- August 2002-August 2009: **Ph.D.**, Business Administration (Operations Research), Joseph M. Katz Graduate School of Business, University of Pittsburgh, Pittsburgh, PA
 - Major: Operations Research. Minor: Artificial Intelligence
 - Dissertation title: "Applications of revenue management in healthcare"
 - Advisor: Prof. Luis G. Vargas
- 2000-2002: **M.B.A.**, James Madison University, Harrisonburg, VA
- 1999-2000: **Post Graduate Diploma**: Corporate Finance, The Bucharest Academy of Economic Studies, Bucharest, Romania
- 1995-1999: **B.B.A.**, Management Science, The Bucharest Academy of Economic Studies, Bucharest, Romania

ACADEMIC EMPLOYMENT AND PROFESSIONAL EXPERIENCE

- 2013 – present: **Assistant Professor**, School of Management, Bucknell University
- 2007 – 2013: **Visiting Assistant Professor**, School of Management, Bucknell University
- 2005 - 2007: **Lecturer**, College of Business Administration (CBA), University of Pittsburgh
- 2002 - 2005: **Graduate Student/Teaching Assistant**, Joseph M. Katz Graduate School of Business, University of Pittsburgh
- 2001 - 2002: **Graduate Assistant**, Computer Information Systems/Operations Management Department, James Madison University
- 2000 - 2001: **Graduate Assistant**, Center for Entrepreneurship, James Madison University
- 1999 - 2000: **Junior Consultant**, Tax Department, KPMG, Bucharest, Romania

TEACHING EXPERIENCE

Bucknell University, School of Management

Assistant Professor, 2013–present

- MGMT 102 Quantitative Reasoning for Managers
- ACFM 340 Business Analytics and Financial Modeling
- ACFM 310 Independent Study in ACFM

Visiting Assistant Professor, 2007–2013

- MGMT 102 Quantitative Reasoning for Managers
- MGMT 242 Managerial Statistics
- MGMT 340 Decision Sciences
- MGMT 341 Operations Management
- MGMT 301 Independent Study: Financial Modeling

University of Pittsburgh, College of Business Administration

- BQOM 0050 Quantitative Methods
 - BQOM 1070 Operations Management
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PEER-REVIEWED PUBLICATIONS / SCHOLARSHIP

Conference proceedings

1. A. Stanciu, L. Vargas and J. May - "A Revenue Management Approach for Managing Operating Room Capacity", Proceedings of the 2010 Winter Simulation Conference, December 2010, Baltimore, MD.

Book Chapters

2. J. May, D. Strum, L. Vargas, A. Stanciu and W. Spangler, "Operating Room Scheduling and Capacity Planning", in "Anesthesia Informatics", Springer Publishing, September 2008.

WORKING PAPERS

3. A. Stanciu - "Modular Adaptive Memory Programming for Combinatorial Optimization Problems"
4. M. Banciu, F. Odegaard and A. Stanciu - "Profitability Bounds for Bundles of Digital Goods"
5. M. Banciu, F. Odegaard and A. Stanciu - "Revenue Management with Endogenous Buy-up Probabilities"
6. A. Stanciu and E. McGoun - "Quantitative Analysis of Historic Market Structure: British Sports and Thoroughbred Motor Cars 1919-1939"
7. M. Bailey and A. Stanciu - "Business Analytics in practice: Analyzing data from mundane activities. A case study."

CONFERENCE AND OTHER RESEARCH PRESENTATIONS

- M. Banciu, F. Odegaard and A. Stanciu - "Revenue and Pricing Bounds of Pure Bundles with Dependent Valuations", invited presentation at the POMS annual conference, Seattle WA, May 2017
 - A. Stanciu - "From Airlines to Healthcare: Scheduling Services with High Variability", Bucknell University, April, 2016.
 - M. Banciu, F. Odegaard and A. Stanciu - "Profitability Bounds for Bundles of Digital Goods", invited presentation at the POMS annual conference, Washington DC, May 2015
 - A. Stanciu and E. McGoun - "Quantitative Analysis of Historic Market Structure: British Sports and Thoroughbred Motor Cars 1919-1939 ", PCA/ACA, Washington, DC, April 2013
 - A. Stanciu and M. Banciu - "OR in a Liberal Arts Context: Quantitative Reasoning for Managers", INFORMS, Charlotte, NC, 2011
 - A. Stanciu, L. Vargas and J. May - "A Revenue Management Approach for Managing Operating Room Capacity" - Winter Simulation Conference, Baltimore, MD, 2010
 - Invited speaker - The Joseph M. Katz Graduate School of Business, Univ. of Pittsburgh, 2010
 - A. Stanciu and L. Vargas - "Demand Management in Health Care: Protection Levels Under Random Resource Requirements", INFORMS, San Diego, 2009
 - A. Stanciu and L. Vargas - "Scheduling Elective Surgeries Using a Revenue Management Approach", INFORMS 2007, Seattle, WA; INFORMS 2006, Pittsburgh, PA; DSI Annual Conference, 2006, San Antonio, TX.
 - A. Al-Khatib, C. R. Robertson, D. Lascu and A. Stanciu - "An Examination of Ethics in Post-Communist Romania: Implications for Marketing Practices", Global Business and Technology Association (GBATA) Intl. Conference, July 2001, Istanbul, Turkey
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GRANTS

- "An Intuitive Tool for Risk Stratification of Transient Ischemic Attack in the Emergency Department", co-PI, Bucknell-Geisinger Research Initiative, \$20,000, 2017-2018.

AWARDS, RECOGNITIONS AND SERVICE

Bucknell University, Lewisburg PA

- Member, Search committee for Operations and Business Analytics, 2016
- Member, Search committee for Operations and Business Analytics, 2013
- Member, Board of Review committee, 2013
- Judge, Johnson & Johnson Student Case Competition, 2008 and 2009
- Faculty Adviser, Student Business Plan Competition, 2009

University of Pittsburgh, Pittsburgh PA

- Excellence in Teaching Award, College of Business Administration, 2006
- President, Doctoral Student Association, The Joseph M. Katz Graduate School of Business, 2003-2004

James Madison University, Harrisonburg, VA

- Outstanding MBA Graduate Student Award, 2002
- Beta Gamma Sigma inductee, 2002
- Marriott Foundation Fellow, 2000-2001
- Awarded a research grant from the Marriott Student Research Grant Program, 2001

Membership and service to the profession

- Institute for Operations Research and the Management Sciences (INFORMS) member since 2002
 - Decision Sciences Institute (DSI) member since 2003
 - Reviewer for the INFORMS Transactions on Education journal and for the European Journal of Operations Research
 - Conference Ad Hoc Referee, SIMUTOOLS 2009
 - Session Chair, INFORMS Annual meeting, 2009
 - Future Academician Colloquium, INFORMS, Pittsburgh, 2006
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