Vic V. Anand

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University of Illinois at Urbana-Champaign
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PROFESSIONAL EMPLOYMENT

University of Illinois at Urbana-Champaign
Assistant Professor of Accounting — 2017-present
John Deere Data Analytics Fellow

Emory University – Goizueta Business School
Assistant Professor of Accounting — 2012-2017

Science Applications International Corporation
Senior Analyst — 2001-2003

Deloitte Consulting
Senior Consultant — 2000-2001

Ford Motor Company
Financial Analyst — 1997-1998
Manufacturing Engineer — 1995-1997

EDUCATION

Ph.D.   Accounting, Cornell University   2014
Dissertation: "*Essays on the Motivating Effects of Goals in Accounting*"

M.S.   Accounting, Cornell University   2013

M.B.A.   Carnegie Mellon University, Graduate School of Industrial Administration   2000

S.B.   Mechanical Engineering, Massachusetts Institute of Technology   1995

RESEARCH

Interests: Forecasting accounting numbers, machine learning, cost system dynamics and design, capacity planning, target setting.

Journal Publications

Anand, V., Balakrishnan, R., and E. Labro (2017). Obtaining Informationally Consistent Decisions When Computing Costs with Limited Information. *Production and Operations Management* 26(2): 211 – 230. https://doi.org/10.1111/poms.12631

Anand, V., Balakrishnan, R., and E. Labro (2019). A Framework for Conducting Numerical Experiments on Cost Systems. *Journal of Management Accounting Research* 31(1): 41 – 61. https://doi.org/10.2308/jmar-52057

Valero-Cuevas, F.J., Anand, V.V., Saxena, A., and Lipson, H. (2007). Beyond Parameter Estimation: Extending Biomechanical Modeling by the Explicit Exploration of Model Topology. *IEEE Transactions on Biomedical Engineering* 54 (11): 1951 – 1964. https://doi.org/10.1109/TBME.2007.906494

Conference Publications

Anand, V., Lipson, H., and Valero-Cuevas, F., Blind Inference of Nonlinear Cable Network Topology from Sparse Data. *Proceedings of the 2005 Genetic and Evolutionary Computation Conference*, June 2005, Washington, DC, USA. Late-breaking paper.

Valero-Cuevas, F.J., Lipson, H., Santos, V.J., and Anand, V. Shifting to Population-Based Models and Inferring Model Structure from Data are Two Directions That Will Enhance the Clinical Usefulness of Modeling. *Proceedings of the ISB XXth Congress and ASB 29th Annual Meeting*, August 2005, Cleveland, OH, USA.

Spears, W.M. and Anand, V. A Study of Crossover Operators in Genetic Programming. *Sixth International Symposium of Methodologies for Intelligent Systems*, 1991.

Working Papers

"Capacity Planning with Limited Information", with Ramji Balakrishnan (The University of Iowa).

"Predicting Profitability Using Machine Learning", with Theo Sougiannis (UIUC), Robert Brunner (UIUC), and Kelechi Ikegwu (UIUC). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3466478

"Target Horizons, Uncertainty, and Effort Provision". Based on my dissertation at Cornell University. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2896912

"Using Python for Text Analysis in Accounting Research", with Khrystyna Bochkay (University of Miami), Roman Chychyla (University of Miami), and Andy Leone (Northwestern). Under contract at *Foundations and Trends in Accounting*. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3576098

"Exploring the Consequences of Frequent Feedback about Goal Progress", with Alan Webb (University of Waterloo) and Chris Wong (Wilfrid Laurier University). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3226304

"Updating Cost systems," with Ramji Balakrishnan (University of Iowa) and Eva Labro (University of North Carolina at Chapel Hill).

INVITED PRESENTATIONS

2020 University of California, Davis

2019 AAA Management Accounting Section Research and Case Conference, doctoral colloquium

2018 University of Alberta Accounting Research Conference
AAA Intensive Data and Analytics Summer Workshop

2016 University of Pittsburgh
Michigan State University
University of Illinois at Urbana-Champaign

2014 Michigan State University

2012 Georgia Institute of Technology
Emory University
Indiana University
The University of Iowa
University of Alberta

CONFERENCE PARTICIPATION

2020 AAA Management Accounting Section Midyear Meeting
AAA Financial Accounting and Reporting Section Midyear Meeting

2019 CPA Ontario Performance Management Research Symposium
AAA Management Accounting Section Research and Case Conference

2018 AAA Management Accounting Section Research and Case Conference
University of Alberta Accounting Research Conference
AAA Intensive Data and Analytics Summer Workshop

2017 AAA Management Accounting Section Research and Case Conference

2016 AAA Management Accounting Section Research and Case Conference
Global Management Accounting Research Symposium
AAA Accounting Is Big Data Conference
Contemporary Accounting Research Conference

2015 AAA Management Accounting Section Research and Case Conference

2014 AAA Annual Meeting
AAA New Faculty Consortium
AAA Management Accounting Section Research and Case Conference

2013   AAA Management Accounting Section Research and Case Conference
       Global Management Accounting Research Symposium
       University of Alberta – Accounting Research Conference (by invitation)

2012   AAA Accounting, Behavior, and Organizations Conference
       University of Alberta – Accounting Research Conference (by invitation)
       AAA Annual Meeting
       AAA Management Accounting Section Research and Case Conference

2011   AAA Management Accounting Section Research and Case Conference

2010   AAA Management Accounting Section Research and Case Conference

TEACHING

University of Illinois at Urbana-Champaign – Gies College of Business

Data Analytics Foundations in Accountancy (ACCY 570)   Fall 2019
  - Instructor ratings: 4.9 / 5.0
  - List of teachers ranked as excellent by their students

Data Analytics Applications in Accountancy (ACCY 575)   Spring 2019
  - Instructor ratings: 4.6 / 5.0 (2019); 4.7 / 5.0 (2018)   Spring 2018
  - List of teachers ranked as excellent by their students (both years)

Emory University – Goizueta Business School

Managerial Accounting (Evening MBA)   Summer 2017
  - Instructor ratings: 4.6 / 5.0 (Summer 2017), 4.9 / 5.0 (Fall 2016), Fall 2016
    3.4 / 5.0 (Summer 2016)   Summer 2016

Managerial Accounting (BBA)   Fall 2014
  - Instructor ratings: 4.5 / 5.0 (2012); 4.5 / 5.0 (2013), 4.5 / 5.0 (2014) Fall 2013
                                                                       Fall 2012

Cornell University – Johnson Graduate School of Management

Financial Accounting (for students outside the Johnson School)   Spring 2008
-     Instructor rating: 4.7 / 5.0

Teaching Assistant (Professor Robert Bloomfield), Managerial Accounting   2008 – 2011
(MBA and EMBA)

Teaching Assistant (Professor Ron Hilton), Managerial Accounting (EMBA)   Summer 2010

Teaching Assistant (Professor Michael Waldman), Microeconomics (MBA)   Fall 2010

CASE WRITING

An Introduction to Databases for Accountants (2019). https://github.com/uidfcba/vanand1

RESEARCH FUNDING

Ad hoc research funding, Goizueta Business School, Emory University for *Mitigating the Potentially Demotivating Effects of Frequent Feedback about Goal Progress* co-authored with Alan Webb and Chris Wong (University of Waterloo).

Ad hoc research funding, Goizueta Business School, Emory University for *Performance Standard Horizons, Uncertainty, and Effort Provision.*

Ad hoc research funding, Goizueta Business School, Emory University for *The Dark Side of Feedback: How frequent feedback about goal progress can reduce motivation in the presence of uncertainty.*

Awarded Institute of Management Accountants (IMA, US, Foundation for Applied Research) funding for Robust Cost Systems, co-authored with Ramji Balakrishnan (University of Iowa) and Eva Labro (University of North Carolina Chapel Hill) (2011-2012).

PROFESSIONAL SERVICE

- AAA Managerial Accounting Section, Data Analytics Task Force (2018 – present)
- Lecturer in LEADership, Education, and Development program at Goizueta Business School, 2015, 2016, 2017.
- Best paper award committee for AAA Managerial Accounting Section Midyear Meeting 2015
- Ad hoc reviewer for:
  - *Accounting Horizons* 2018, 2019
  - *Accounting, Organizations, and Society* 2016, 2017, 2018, 2019
  - *Contemporary Accounting Research* 2018 (x2)
  - *Journal of Financial Reporting* 2017
  - *Journal of Management Accounting Research* 2012, 2013, 2015, 2018, 2019
  - *Management Science* 2019
  - *Production and Operations Management* 2016
  - *The Accounting Review* 2015
  - *The International Journal of Accounting* 2017
- Discussant and/or reviewer at AAA Managerial Accounting Section Midyear Meeting 2012, 2013, 2015, 2017, 2018, 2019
- Discussant for AAA annual meeting 2012, 2014
- Dissertation committee of Robert Mocadlo (Emory University)

ACADEMIC HONORS, AWARDS, AND ACTIVITIES

Department Head's Award for Excellence in Accountancy Education for 2018–19

University of Illinois at Urbana-Champaign: *List of teachers ranked as excellent by their students*, Spring 2018, Spring 2019, Fall 2019.

Cornell University Graduate Fellowship, 2004 – 2010

Graduated with University Honors, Carnegie Mellon University

Member, Beta Gamma Sigma

Vera Heinz Merit Scholarship, Carnegie Mellon University, 1998 – 2000

National Security Agency, Undergraduate Training Program, full tuition and stipend for undergraduate education, 1990 – 1993

PROGRAMMING / DATA SCIENCE

Languages in which I am proficient: Python, C#, C, VBA

   Python libraries: Pandas, NumPy, Matplotlib, Seaborn, Bokeh, scikit-learn

Statistical/mathematical packages: Stata, SAS, Mathematica, MATLAB

Languages with which I have familiarity: R, PHP, JavaScript, F#, Windows PowerShell

PERSONAL INTERESTS

Motorcycle racing, mountain biking, trials bicycles, computer programming, running