

# Donald E. Wynn, Jr., PhD

Curriculum Vitae

January 31, 2017

300 College Park Drive  
Dayton OH 45469  
Office: (937) 229-2463  
Email: [wynn@udayton.edu](mailto:wynn@udayton.edu)

MIS, OM, and DS Department  
School of Business Administration  
University of Dayton

## Education

B.S. Electrical Engineering (with Honors), University of Tennessee, Knoxville, 1988

M.B.A., Middle Tennessee State University, 1998

Ph.D., University of Georgia, 2007

Dissertation Title: Understanding the Health of Technological Ecosystems: The Case of Professional Open Source Software

## Professional Appointments

Assistant Professor, University of Dayton, 2007 – 2013.

Associate Professor, University of Dayton, 2013 – 2016.

Sherman-Standard Register Associate Professor of MIS, University of Dayton, 2017- present.

## Research Interests

Commercial Open Source

Electronic Health Records Software

Software Ecosystems

Philosophy of Science (esp. Critical Realism)

## Peer-Reviewed Journal Publications

Wynn Jr, DE and R Pratt (2015). "Slushie World: An In-Class Access Database Tutorial."

Information Systems Education Journal **13**(2): 8-13.

Williams, CK, DE Wynn Jr, R Madupalli, E Karahanna and BK Duncan (2014). "Explaining Users' Security Behaviors with the Security Belief Model." Journal of Organizational and End User Computing (JOEUC) **26**(3): 23-46.

Salisbury, WD, TW Ferratt and DE Wynn Jr (2014). "Issues and Opinions: Assessing the Emphasis on Information Security in the Systems Analysis and Design Course."

Communications of the Association for Information Systems **36**: Article 18.

Gorman, MF, DE Wynn Jr and WD Salisbury (2013). "Searching for Herbert Simon: Extending the Reach and Impact of Business Intelligence Research Through Analytics." International Journal of Business Intelligence Research (IJBIR) **4**(1): 1-12.

- Wynn Jr, DE and CK Williams (2012). "Principles For Conducting Critical Realist Case Study Research In Information Systems." MIS Quarterly **36**(3): 787-810.
- Bradley, RV, RM Pratt, TA Byrd, CN Outlay and DE Wynn Jr (2012). "Enterprise Architecture, IT Effectiveness and The Mediating Role of IT Alignment in US Hospitals." Information Systems Journal **22**(2): 97-127.
- Ferratt, TW, SR Hall, J Prasad and D Wynn Jr (2010). "Choosing Management Information Systems as a Major: Understanding the smiFactors for MIS." Communications of the Association for Information Systems **27**(1): 265-284.
- Watson, RT, M-C Boudreau, PT York, ME Greiner and DE Wynn Jr (2008). "The Business of Open Source." Communications of the ACM **51**(4): 41-46.
- Watson, RT, M-C Boudreau, PT York, M Greiner and DE Wynn Jr (2008). "Opening The Classroom." Journal of Information Systems Education **19**(1): 75-85.
- Bowcutt, M, MM Rosenkoetter, CC Chernecky, J Wall, DE Wynn Jr and C Serrano (2008). "Implementation of an Intravenous Medication Infusion Pump System: Implications For Nursing." Journal of Nursing Management **16**(2): 188-197.
- Boudreau, M-C, F Niederman and DE Wynn Jr (2008). "Open Source Software Research: An Evolving Endeavor (Editorial Preface - Special Issue on Open Source Software)." Journal of Database Management **19**(2): i-iv.
- Pitt, LF, PR Berthon, RT Watson, DE Wynn Jr and A Strasheim (2007). "Open To All: A Postmodern Perspective on Product Development and Brands in an Open-Source Environment." International Journal of Technology Marketing **2**(4): 316-330.
- Pitt, LF, RT Watson, P Berthon, DE Wynn Jr and G Zinkhan (2006). "The penguin's window: Corporate brands from an open-source perspective." Journal of the Academy of Marketing Science **34**(2): 115-127.
- Niederman, F, AR Davis, ME Greiner, DE Wynn Jr and PT York (2006). "A Research Agenda For Studying Open Source I: A Multi-Level Framework." Communications of the Association for Information Systems **18**(1): article 7.
- Niederman, F, A Davis, ME Greiner, DE Wynn Jr and PT York (2006). "A Research Agenda For Studying Open Source II: View Through the Lens of Referent Discipline Theories." Communications of the Association for Information Systems **18**(1): Article 8.
- Watson, RT, DE Wynn Jr and M-C Boudreau (2005). "JBoss: The Evolution of Professional Open Source Software." MIS Quarterly Executive **4**(3): 329-341.
- Watson, RT, M-C Boudreau, M Greiner, DE Wynn Jr, P York and R Gul (2005). "Governance and Global Communities." Journal of International Management **11**(2): 125-142.

### **Peer Reviewed Conference Proceedings**

- Wynn Jr, DE and CK Williams. Advancing the State of the Art in Critical Realism-Based Case Study Research. AIS Pre-ICIS 2016 Workshop "Advances in Qualitative IS Research Methodologies", Dublin Ireland, December 11, 2016.

- Pratt, RME, DE Wynn Jr, and RV Bradley. The Benefits of Implementing Open Source-based EHRs: A Case Study. *AIS SIG-Health Pre-Conference Workshop*, Dublin Ireland, December 11, 2016.
- Pratt, RME, C Smatt, and Wynn Jr, DE. Tourism through Travel Club: A Database Project. *Association of Information Technology Professionals (AITP) Education Special Interest Group (EDSIG) Conference*, Las Vegas NV, November 6-9, 2016.
- Williams, CK and DE Wynn Jr. Critical Realism as a New Script for Creative Theorizing in Information Systems. *5th Concurrent ICIS-SIGPhil Workshop 2015: Between Grand Theories and Scripted Research, SIGPHIL (Special Issue Group on Philosophy) – ICIS 2015*, Fort Worth, TX, December 13-14.
- Bradley, RV, RME Pratt, RF Parks and DE Wynn Jr (2015). IT Governance and Strategic Alignment: Examination of a Reciprocal Relationship via a Common Antecedent. *Decision Sciences Institute*, Seattle, Washington, November 21-25, 2015.
- Pratt, RME and DE Wynn Jr (2015). The Moderating Effect of National Culture on Electronic Health Records Adoption. *INFORMS Healthcare Conference*, Nashville, Tennessee, July 28-31, 2015.
- Wynn Jr, DE and RME Pratt (2015). Capital Contributions and Inducements Among EHR Ecosystem Participants. *Cambridge Business & Economics Conference*, Murray Edwards College, Cambridge University, Cambridge UK, July 1-2, 2015. (Presented at Conference)
- Pratt, RME and DE Wynn Jr (2015). The Impact of National Culture on the Success of Enterprise Systems Implementation. *Cambridge Business & Economics Conference*, Murray Edwards College, Cambridge University, Cambridge UK, July 1-2, 2015.
- Wynn Jr, DE and RME Pratt (2014). A Conceptual Framework for the Usage and Consequences of Information Technology (UCIT). *JAIS Theory Development Workshop, International Conference for Information Systems (ICIS)*, Auckland, New Zealand, December 15, 2014. (Presented at Conference)
- Wynn Jr, DE and RME Pratt (2014). Slushie World: An In-Class Access Database Tutorial. *Information Systems Education Conference (ISECON)*, Baltimore, Maryland, November 6-9, 2014.
- Wynn Jr, DE and RME Pratt (2014). A Conceptual Framework of Information Systems Usage and Consequences in Organizations. *Proceedings of the 74th Annual Meeting of the Academy of Management (AOM)*, Philadelphia, Pennsylvania, August 1-5, 2014. (Presented at Conference)
- Wynn Jr, DE, CK Williams, E Karahanna and R Madupalli (2013). Preventive Adoption of Information Security Behaviors. *Proceedings of the International Conference on Information Systems (ICIS)*, Milan Italy, December 15-18, 2013.
- Wynn Jr, DE, O Volkoff, CK Williams and D Strong (2013). Critical Realism and Mechanisms: Moving from the Philosophical to the Empirical in the Search for Causal Explanations (Panel). *Proceedings of the Americas Conference on Information Systems (AMCIS)*, Chicago IL, August 15-17, 2013.

- Salisbury, WD, TW Ferratt and DE Wynn Jr (2013). Systems Analysis and Design in the Connected Age: Considering the Role of Information Security Throughout the SDLC. *Proceedings of the Administrative Sciences Association of Canada (ASAC)*, Calgary, Alberta, June 8-11, 2013. (Best Conference Paper Award)
- Wynn Jr, DE, RM Pratt and RV Bradley (2012). Impact of Software Ecosystems on The Implementation of Open Source-Based Electronic Health Record Software. *Proceedings of the Americas Conference on Information Systems (AMCIS)*, Seattle, WA, August 9-11, 2012. (Presented at Conference)
- Wynn Jr, DE (2012). The Evolving Structure and Function of Commercial Open Source Software Ecosystems. *Proceedings of the International Conference on Software Business (ICSOB 2012)*, MIS Sloan School of Management, Boston MA, June 18-20, 2012. (Presented at Conference)
- Outlay, CN, RM Pratt, RV Bradley and DE Wynn Jr (2012). Team and Organizational Identification among Information Systems Personnel: An Exploratory Investigation of Post IT Outsourcing Personnel Impacts. *Proceedings of the 45th Hawaii International Conference on System Science (HICSS-45)*, Grand Wailea, Maui, IEEE, January 4-7, 2012.
- Ferratt, TW, SR Hall, J Prasad and DE Wynn Jr (2009). Why Students Choose MIS: What Makes a Major-Job-Career in Management Information Systems Interesting? *Proceedings of the Special Interest Group on Management Information System's 47th Annual Conference on Computer Personnel Research (SIGCPR)*, Limerick, Ireland, ACM, May 28-30, 2009.
- Wynn Jr, DE and CK Williams (2008). Critical Realism-Based Explanatory Case Study Research in Information Systems. *Proceedings of the International Conference on Information Systems (ICIS)*, Paris, France, December 14-17, 2008. (Approximate acceptance rate: 24%; Presented at Conference)
- Wynn Jr, DE, M-C Boudreau and RT Watson (2008). Resilience of Professional Open Source Ecosystems. *European Conference on Information Systems (ECIS)*, Galway, Ireland, June 9-11, 2008. (Approximate acceptance rate: 37%; Presented at Conference)
- Watson, RT, M-C Boudreau, M Greiner, DE Wynn Jr, PT York and R Gul (2004). Governance, Leadership and Management in Adaptive and Inventive Digital Communities: A Research Agenda to Reduce Waste in Graduate Education. *Proceedings of the 17th Bled eCommerce Conference*, Bled, Slovenia, June 21-23, 2004.
- Watson, RT, M-C Boudreau, M Greiner, DE Wynn Jr, PT York and R Gul (2004). Governance and Global Communities. *5th Annual International Business Research Forum*, Temple University, Philadelphia PA, March 27, 2014.
- Wynn Jr, DE (2004). Leadership and Motivation in Open Source Projects. *Proceedings of the 7th Annual Conference of the Southern Association for Information Systems (SAIS)*, Savannah GA, Feb 27-28, 2004. (Nominated for Best Conference Paper/ Best Conference Theme Paper; Presented at Conference)

Wynn Jr, DE (2004). Organizational Life Cycle of Open Source Software Projects. *Proceedings of the 7th Annual Conference of the Southern Association for Information Systems (SAIS)*, Savannah GA, Feb 27-28, 2004. (Presented at Conference)

## Published Book Chapters

Wynn Jr, DE (2012). The Evolving Structure and Function of Commercial Open Source Software Ecosystems. In *Software Business*. MA Cusumano, B Iyer and N Venkatraman, Springer Berlin Heidelberg. **114**: 285-290.

Wynn Jr, DE (2007). Assessing the Health of an Open Source Ecosystem. In *Emerging Free and Open Source Software Practices*. SK Sowe, I Stamelos and I Samolades, eds. Hershey PA, IGI Publishing: 238-258.

## Other Research

Wynn Jr, DE and RME Pratt. (2016) Challenges To Maximizing The Value Of Future Innovation In Big Data Analytics. *Cutter IT Journal*. 29(6), 27-32.

Wynn Jr, DE and RME Pratt. (2016) Exploratory, Embedded, Enabled: The Three E's of IoT Data Management Maturity. *Cutter IT Journal*. 29(4).

Wynn Jr, DE, RME Pratt and RV Bradley. (2015) “Making Open Innovation Ecosystems Work: Case Studies in Healthcare”. Report for the IBM Center for the Business of Government.

Pratt, RME and DE Wynn Jr. (2014) Modular vs. Monolithic Enterprise Systems: What Can Be Learned From the Healthcare Industry? *Cutter Business Technology Strategies Executive Update*. 17(16).

Wynn Jr, DE and RME Pratt. (2014) The Promises and Challenges of Innovating Through Big Data and Analytics in Healthcare. *Cutter IT Journal*. 27(4).

Fleury M, RT Watson, DE Wynn Jr, and M-C Boudreau. (2005) JBoss: The Evolution of Professional Open Source. Third Place, Society for Information Management Paper Awards Competition.

## Media Appearances

Wynn Jr, DE and RME Pratt. “Making Open Innovation Ecosystems Work: Case Studies in Healthcare”, Appearance on *The Business of Government Hour*, Washington DC.

## Papers Under Review

Bradley, RV, RME Pratt, RF Parks, and DE Wynn Jr. Cultural Incongruence Between The Firm And The IT Unit: Implications For IT Governance And Strategic Alignment. *Submitted to Management Information Systems Quarterly (MISQ)*, Dec 2015.

Williams CK and DE Wynn Jr. Critical Realism as a New Script for Creative Theorizing in Information Systems. *Submitted to European Journal of Information Systems (EJIS)*, June 2016.

## Working Papers

- Wynn Jr, DE and CK Williams. A Review of Methodological Issues for Critical Realism in IS Research. *To be submitted to JAIS special issue on Advances in Qualitative IS Research Methodologies*.
- Bradley, RV, RME Pratt, and DE Wynn Jr. Two Ships Passing in the Night: Cultural Incongruence and Strategic Alignment in Firm-IT Unit Relations. *To be submitted to MISQE, 2016*.
- Wynn Jr, DE, RME Pratt, and RV Bradley. A Framework for Synergy in Technological Ecosystems. *To be submitted to MIS Quarterly, 2016*.
- RME Pratt, DE Wynn Jr, and RV Bradley. Making Open Innovation Ecosystems Work. *To be submitted to MISQE, 2016*.
- Wynn Jr, DE and RME Pratt (2014). A Conceptual Framework for the Usage and Consequences of Information Technology (UCIT). *To be submitted to JAIS, 2017*.

## Grant and Funded Research

- IBM Center for the Business of Government, Research Stipend, Sponsoring Open Innovation via Technology Ecosystems: Examples from the Healthcare Industry. (w/ RME Pratt and RV Bradley.) 2015.
- University of Dayton SBA, Summer Research Grant, Influencing the Increased Usage of Electronic Health Records Systems, 2015.
- University of Dayton SBA, Summer Research Grant, Governance, Leadership, and Motivation and the Health of Open Source Software Ecosystems, 2013.
- University of Dayton SBA, Summer Research Grant, Impact of Software Ecosystems on the Implementation of Open Source-Based Electronic Health Record Software, 2011
- University of Dayton, Research Council Seed Grant, Impact of Software Ecosystems on the Implementation of Open Source-Based Electronic Health Record Software, 2011.
- University of Dayton SBA, Summer Research Grant, The Dynamics of Publicly Sponsored Open Source Software Development, 2008-9.
- Advanced Practices Council, Society for Information Management, The Business of Open Source, (w/ R. Watson, M-C Boudreau, P. York and M. Greiner), 2005-6.

## Courses Taught

### University of Dayton

- MIS 301, Information Systems in Organizations  
In Person: Fall 2007 – 2012, Spring 2016  
Online: Summer 2012  
Summer Study Abroad: 2010 (Rome), 2013 (Spain), 2015 (London-Dublin), 2016 (London-Dublin – Site Coordinator)
- MIS 385/MBA 664, Data Management, Fall 2009 – present
- MBA 794, Information Systems & Business Decisions, Spring 2013 – present

MBA 660, Information Technology and Systems, Summer 2014-present  
MIS 467/MBA 667A, Data Warehousing, Fall 2015- 2016

### **University of Georgia**

MIST 4610, Data Management, Summer 2005, Summer 2006  
MIST 5640, Network Management, Fall 2005, Fall 2006

## **Editorial and Reviewing Service**

### **Editorial Activities**

Associate Editor, MIS Quarterly, Special Issue on Critical Realism, 2011- 2012  
Senior Editor, The Data Base for Advances in Information Systems, beginning 12/2011  
Editorial Board, International Journal of Open Source Software & Processes, 2008-present  
Co-Editor, Journal of Database Management, Special Issue on Open Source Software, 2008  
Program Committee, International Conference on Software Business (ICSOB), Braga, Portugal, 2015  
Associate Editor, “Social Aspects of IS” track, ICIS 2008, Paris, France  
Associate Editor, “Breakthrough Issues” track, ICIS 2009, Phoenix AZ  
Associate Editor, “Human Capital and Information Systems” track, ICIS 2010, St. Louis MO  
Associate Editor, “Research Methods” track, ICIS 2013, Milan, Italy  
Associate Editor, “Research Methods and Philosophical Foundations of IS”, ICIS 2016, Dublin Ireland.  
Mini-Track co-chair, “Open Source Software Development, Adoption, and Use” (with M-C. Boudreau & L. Jin), Americas Conference for Information Systems, (AMCIS), Omaha, NE, 2005  
Mini-Track co-chair, “Open Source Software Development, Adoption, and Use” (with M-C. Boudreau, L. Jin, & S. Daniel), Americas Conference for Information Systems, (AMCIS), Acapulco, Mexico, 2006  
Mini-Track co-chair, “Open Source Software Development, Adoption, and Use” (with M-C. Boudreau, L. Jin, & S. Daniel), Americas Conference for Information Systems, (AMCIS), Keystone, CO, 2007

### **Reviewer Activities**

Southern Association of Information Systems, Savannah, GA, 2004  
SIG-LEAD Conference, Athens, GA, 2004  
AMCIS IS Leadership Track, New York, NY, 2004  
AMCIS Conference, San Francisco, 2009, 2012  
DIGIT conference, 2005, 2007  
ICIS, 2006, 2007, 2011, 2012, 2016  
Information and Organization, 2007, 2010, 2012  
MISQ, 2007, 2008, 2009, 2011. 2012, 2016  
Information Systems Research, 2008



Canadian ASAC, 2008  
European Journal of Information Systems, 2008, 2011, 2016  
Information Systems Management, 2009, 2010  
Journal of Management Information Systems, 2009  
The Database for Advances in Information Systems, 2008, 2009, 2012, 2013, 2014  
International Journal of Open Source Software & Processes, 2009, 2014  
Journal of Organizational Computing and End-User Computing, 2010  
Journal of Strategic Information Systems, 2012-2014  
Communications of the Association for Information Systems, 2012-3

### **Service to the Department**

Director, Graduate Certificate Program for Business Intelligence, Fall 2015-Present  
Co-chair, Search Committee, Summer – Fall 2016  
Chair, Sabbatical Committee (Salisbury), Fall 2015  
Member, Honor Code Violation Review Committee, Fall 2014  
Member, UD MOD Dept. Promotion & Tenure Committee (Enns: Fall 2013; Salisbury, Jacobs: Fall 2014)  
Advisor, MIS Club, 2012-present  
Course Coordinator, MIS 301 Course (Intro to MIS), 2011-present

### **Service to the SBA**

Member, UD SBA Core Curriculum Task Force, Spring 2013  
Member, UD SBA Undergraduate Curriculum Committee, 2011 – present (Chair, Fall 2013-present)

### **Service to the SBA (University of Georgia)**

Panelist, Terry PhD Minority Recruitment Day, 2005, 2006, 2007  
MSDNAA Administrator, MIS Dept, Terry College of Business, 2004-2007  
Student Recruiter, KPMG PhD Project Conference, 2005, 2006

### **Service to the University (University of Dayton)**

Participant, Faculty Mentoring Focus Group (UD), 2008  
Participant, UD Black Faculty Association, (UD), 2007-present  
Member, UD SBA Diversity Task Force, 2010  
Graduate Leadership Council, Fall 2015 – present

### **Service to the Field**

Program Co-Chair, AMCIS 2018 – New Orleans, LA  
Member, AIS Task Force on Diversity, Fall 2015-present.  
Panelist, AMCIS 2015 Mid-Career Faculty Workshop. August 2015  
KPMG Information Systems Doctoral Students Association  
*Inducted into Circle of Compadres, Summer 2014*



Faculty Advisor/Conference Planning Committee, 2008-11, 2016-present  
Past-President/Conference Planning Committee, 2007-8  
President/Conference Planning Committee, 2006-7  
Vice President/Conference Planning Committee/Website Committee, 2005-6  
Parliamentarian/Conference Planning Committee/Website Committee, 2004-5  
Panelist, KPMG PhD Project Conference, 2004, 2006, 2007, 2009, 2013, 2015

## Honors and Awards

### University of Georgia

Terry College of Business Summer Research Assistantship, 2006  
Terrell Award, 2005-2006  
Outstanding PhD Student Researcher, MIS Dept, 2005-2006  
Graduate Recruitment Opportunities Assistantship, 2003-2005  
Comer Fellowship, 2003-2005  
Etheredge Scholarship, 2003-2005  
Biscoe Fellowship, 2003-2004

### Middle Tennessee State University

Graduate Assistantship, Jones College of Business, Middle TN State University, 2003

### University of Tennessee, Knoxville

Beta Gamma Sigma Honor Society, 1998  
Tennessee Higher Education Commission Scholarship, 1986-1988  
Alpha Lambda Delta honor society, 1985  
Phi Eta Sigma honor society, 1985  
Robert R. Neyland Scholarship 1984-1988  
National Achievement Scholarship, 1984-1988

## Professional Experience

*Manager, BellSouth Telecommunications, Nashville, TN (2000-2002)*

Coordinated installation and capacity of interoffice facilities and equipment for Frame Relay, ISDN, DSL/ADSL, SONET, and other technologies

*Business Analyst, Electronic Data Systems, Nashville, TN (1999-2000)*

Coordinated implementation, testing, tech support, and training for a trouble tracking and asset management application for 175 IT professionals in the Field Support organization.

*Systems Administrator, Electronic Data Systems, Nashville, TN (1997-1999)*

Performed problem resolution and project management for corporate network clients.  
Developed and taught TCP/IP certification course for peers.

*Technical Manager, BellSouth Telecommunications, Nashville/Brentwood, TN (1990-1997)*

Performed problem resolution and project management for internal clients. Obtained Certified Novell Engineer (CNE) and Microsoft Certified Professional (MCP) certifications.  
Developed training for new users on corporate network.

*Outside Plant Engineer, BellSouth Telecommunications, Chattanooga, TN (1988-1990)*

Provisioned new telecommunications facilities in field for residential, business, and internal customers.