CURRICULUM VITAE

Jonathan D. Becker, J.D., Ph.D.

Date of Preparation: March 12, 2018

PERSONAL INFORMATION

Name: Jonathan D Becker

Office address: 1015 West Main Street
Richmond, Virginia 23284
jbecker@vcu.edu
@jonbecker

LICENSES/CERTIFICATIONS

Bar, State of New Jersey
Admitted November 1998 (currently officially retired from the practice of law)

U.S. District Court for the District of New Jersey
Admitted November 1998 (currently officially retired from the practice of law)

EDUCATION

Ph.D. (Politics & Education), May 2003, Teachers College, Columbia University

J.D. (Law), May 1997, Boston College

M.Ed. (Curriculum & Instruction), May 1997, Boston College

B.A. (Public Policy Studies, *cum laude*), May 1990, Duke University

ACADEMIC APPOINTMENTS AND OTHER WORK EXPERIENCE

Associate Professor, Educational Leadership, Virginia Commonwealth University,
July 2013-present

Director, Learning Innovation and Online Academic Programs, Virginia
Commonwealth University, July 2013-August 2017

Assistant Professor, Educational Leadership, Virginia Commonwealth University,
September 2007-June 2013

Assistant Professor, Educational Leadership, Hofstra University, September 2002-
August 2007

Research Director, Interactive, Inc., Huntington, NY, October 1997-August 2002

AREAS OF SPECIAL INTEREST

- Distance education
- Educational technology
- Educational equity
- School law
- Educational policy

SCHOLARSHIP

BIBLIOGRAPHY

Refereed Articles:

Wyner, Y., Becker, J., & Torff, B. (2014). Explicitly Linking Human Impact to Ecological Function in Secondary School Classrooms. *The American Biology Teacher*, *76*(8), 508-515.

Mann, D., Reardon, R.M. Becker, J.D., Shakeshaft, C., Bacon, N. (2011). Immersive, interactive, web-enabled computer simulation as a trigger for learning: The Next Generation of Problem-based Learning in Educational Leadership. *Journal of Research on Leadership Education*, 6(5), pp. 272-87.

Becker, J.D., Stewart, M., & Green, J. (2010). Here, there & everywhere: A Review of DIYU. *in education* [On-line serial], 16(1). URL http://www.ineducation.ca/article/here-there-everywhere-review-diy-u

Becker, J.D. (2008). The Digital Horserace: An Analysis of differences in student computer use across the states and across the years. *Journal of Educational Computing Research, 39(3), pp. 285-312*.

Becker, J.D. (2007). Mind the gaps: Exploring the use of technology to facilitate parental involvement, particularly for historically underserved populations. *Journal of School Public Relations, 28(2)*, pp. 57-82.

Becker, J. D. (2006). Digital equity in education: A Multilevel examination of differences in and relationships between computer access, computer use and state-level technology policies. *Education Policy Analysis Archives, 15*(3). Retrieved [date] from http://epaa.asu.edu/epaa/v15n3/.

Becker, J.D. (2004). Thinking outside the (bricks-and-mortar) box(es): Using cyberspace technology to reconceptualize schooling and community in the face of resegregation. *Journal of School Public Relations, 25(2)*, pp. 177-202.

Book Chapters:

Gogia, L. & Becker, J.D. (2016). Universal Design Through Openly Networked Connected Learning. In L. Scott & C. Thoma (Eds.). *Universal Design for Distance Education: A Guide for Online Course Development*. Ann Arbor, MI: XanEdu.

Becker, J.D., & Barkley, C. (2013). Building social capital through social media: School leaders' use of social media for professional learning. In. Militello, M. & Friend, J. (Eds.), *Principal 2.0: Technology and Educational Leadership*. Charlotte, N.C.: Information Age Publishing.

Mann, D., Reardon, R. M., Becker, J. D., Shakeshaft, C., & Reich, M. R. (2012). Engagement in an online video simulation in educational leadership. In P. Blessinger & C. Wankel (Eds.), *Cutting-edge technologies in higher education. Volume 3: Increasing student engagement and retention using immersive interfaces: Virtual worlds, gaming, and simulation.*

Monographs:

Mann, D., Shakeshaft, C., Becker, J. & Kottkamp, R. (1999). *West Virginia Story: Achievement Gains from a Statewide Comprehensive Instructional Technology Program*. Santa Monica, CA: A Milken Family Foundation Monograph. (ED429575) http://eric.ed.gov/?id=ED429575

Becker, J.D., Hodge, C.A., Sepelyak, M.W. (2010). *Assessing technology literacy: The Case for an authentic, project-based learning approach*. Olympia, WA: Generation YES. http://www.genyes.org/media/freeresources/assessing_tech_literacy_whitepaper.pdf

Becker, J.D.. *The Cyberspace Regionalization Project: Simultaneously Bridging the Digital and Racial Divide*. Paper submitted for the Secretary's Conference on Educational Technology, July 12-13, 1999. http://www.eric.ed.gov/ERICWebPortal/detail?accno=ED452824

Other Scholarly Publications:

Becker, J.D. (2012). Scholar 2.0: Public Intellectualism Meets the Open Web. *UCEA Review*, 52(2), pp. 17-19. Also available online as http://bit.ly/scholar20

Shakeshaft, C., Mann, D., Becker, J. & Sweeney, K. *Choosing the Right Technology.*
The School Administrator, Vol. 59, n. 1, p34-37 (January 2002)

Mann D., Shakeshaft C., Kottkamp R., & Becker, J. *Playing to Learn.* American School
Board Journal, Vol. 187, n. 9, p34-36 Supp. September 2000.

REFEREED PROFESSIONAL PRESENTATIONS

The Great VCU Bike Race Book: Online Learning Innovation
Educause ELI annual conference
San Antonio, TX
February 4, 2016

ALT Lab: A Teaching-Learning Center for the 21st Century
Educause annual conference
Indianapolis, IN
October 28, 2015

***Thought Vectors in Concept Space: Digital Investigation and Unfettered Minds at
Virginia Commonwealth University***
New Media Consortium (NMC) Summer Conference
Alexandria, VA
June 11, 2015

VCU's New Media cMOOC: Live in Concert!
New Media Consortium (NMC) Summer Conference
Portland, OR
June 18, 2014

Build-A-MOOC Workshop
Educon 2.4
January 26, 2013, Philadelphia, PA

Mythbusting: Education, Technology & The Law
Virginia Society for Technology in Education (VSTE)
Annual Conference - December 3, 2012, Virginia Beach, VA

Into the Tangled Web: K-12 Educators, Free Speech Rights, and Social Media
VASCD
Annual Conference - December 7, 2012, Williamsburg, VA

School Leader Use of Social Media For Professional Discourse
University Council on Educational Administration (UCEA)
Annual Conference – November 17, 2012, Denver, CO

Role Clarity and Instructional Technology Facilitators: A Social Network Analysis

Paper session
International Society for Technology in Education (ISTE)
Annual conference – June 25, 2012, San Diego, CA

Bringing a mashup of learning theories to bear on online learning: A critical reflection
 VCU Online Learning Summit
May 16, 2012, Richmond, VA

Beyond Klout and PLNs: Towards an Understanding and Application of Network Theory to Education
Educon 2.4
January 28, 2012, Philadelphia, PA

#chats and #camps: Examining the Impact of Social Media-Fueled PD on Classroom Practice and Student Learning
Educon 2.4
January 28, 2012, Philadelphia, PA

Immersive, interactive, web-enabled computer simulation as a trigger for learning: The Next Generation of Problem-based Learning in Educational Leadership
University Council on Educational Administration (UCEA)
Annual Conference – November 18, 2011, Pittsburgh, PA

On warrants and knowledge claims: Everything you ever wanted to know about educational research but were afraid to ask
Educon 2.3
January 29, 2011, Philadelphia, PA

I'm From the Education Department and Am Here to Help" and other bedtime stories: A conversation about how to make and influence policy with some who do.
Educon 2.3
January 29, 2011, Philadelphia, PA

#teach w/ #tweet
International Society for Technology in Education (ISTE)
Annual Conference - June 27, 2011, Philadelphia, PA

#tweet. #learn. #lead
International Society for Technology in Education (ISTE)
Annual conference – June 28, 2010, Denver, CO

Perceptions, Use and Regulation of the Internet: A Study of Parent-Adolescent Dyads
American Educational Research Association (AERA)
Annual Conference – May 1, 2010, Denver, CO

Legal Issues and the Web: Educator Free Speech in the Digital Age
Consortium of School Networking (CoSN)
Annual Conference – March 1, 2010, Washington, D.C.

Educational Technology and the Law: Stump the Lawyers!
Educon 2.2
January 30, 2010, Philadelphia, PA

Expression and Association Rights of School Employees in Electronic Environments
American Educational Research Association (AERA)
Annual Conference – April 14, 2009, San Diego, CA

Deliberative Civic Education and Student Civic Engagement
American Educational Research Association (AERA)
Annual Conference – April 14, 2009, San Diego, CA

The Digital Horserace: An Analysis of differences in student computer use across the states and across the years
Consortium of School Networking (CoSN)
Annual Conference – March 14, 2009, Austin, TX

Leadership 2.0: Transforming Schooling in and for the 21st Century
Educon 2.1
January 24, 2009, Philadelphia, PA

Leading Difference: Multiple Case Studies of Leaders of Technologically Innovative Schools
University Council on Educational Administration (UCEA)
Annual Conference – October 31-November 2, 2008, Orlando, FL

Leadership 2.0
University Council on Educational Administration (UCEA)
Annual Conference – October 31-November 2, 2008, Orlando, FL

Facilitating Technology Integration: A Synthesis of the Research
K12 Online Conference
October 20-31, 2008 (http://k12onlineconference.org/?p=305)

"Butting" Heads with the First Amendment Teacher Free Speech Rights in the Digital Age Commonwealth Education Law Conference (with C. Magill & H. Wright)
April 24, 2008, Richmond, VA

Facilitating Technology Integration: Results from an Evaluation of West Virginia's Enhancing Education Through Technology (EETT) Model School Project
American Educational Research Association (AERA)
Annual Conference – March 28, 2008, New York, NY

The Digital Horserace: An Analysis of differences in student computer use across the states and across the years
American Educational Research Association (AERA)
Annual Conference – March 28, 2008, New York, NY

Facilitating Technology Integration: Results from an Evaluation of West Virginia's Enhancing Education Through Technology (EETT) Model School Project
University Council on Educational Administration (UCEA)
Annual Conference – November 16, 2007, Alexandria, VA

Beyond Self-Report: Using Technology to Evaluate the Use of Technology in Schools and Classrooms.
American Educational Research Association (AERA)
Annual Conference – April 13, 2007, Chicago, IL

The Evaluation of West Virginia's Enhancing Education Through Technology (EETT) Model School Project (symposium presentation).
American Educational Research Association (AERA)
Annual Conference – April 11, 2007, Chicago, IL

FOIA, FERPA and Other Acronyms Not Necessarily Beginning with 'F': A Review of Information Privacy Issues in Public Education in the Information Age.
University Council on Educational Administration (UCEA)
Annual Convention – November 10 2006 San Antonio, TX.

Are you Ready for Data Driven Decision Making?: The School Information Support System Questionnaire (SISSQ)
University Council on Educational Administration (UCEA)
Annual Convention – November 11, 2005, Nashville, TN.

Building capacity for technology leadership in educational administration preparation programs
American Educational Research Association (AERA)
Annual Conference - April 13, 2005, Montreal, Canada

FOIA, FERPA and other acronyms not necessarily beginning with "F": Balancing information privacy and access to public information in education
Hofstra University conference "*Using Data for Informed Instruction*", January 14, 2005

Exploring social justice in leadership preparation programs
University Council on Educational Administration (UCEA)
Annual Convention – November 13, 2004, Kansas City, MO.

Digital Equity in Education: A Multilevel Examination of Differences in and Relationships Between Computer Access and Computer Use.
University Council on Educational Administration (UCEA)
Annual Convention – November 12, 2004, Kansas City, MO.

The Overrepresentation of Students of Color as a Next Generation , Within-School Racial Segregation Problem.
Brown v. Board of Education: The Unfinished Agenda - March 29, 2004 (a Long Island conference sponsored by ERASE Racism, an initiative of the Long Island Community Foundation, and 15 institutions of higher education based on Long Island, including Hofstra University).

State-level education technology policies and digital equity in schools: A multi-level analysis.
American Educational Research Association (AERA)
Annual Conference – April 21-25, 2003, Chicago, IL

Web-based Surveys: Are Educators Ready for Next-Generation Research Methods?
American Educational Research Association (AERA)
Annual Conference – April 1-5, 2002, New Orleans, LA

Race, Sex and SES Issues in Assessment Methods of Technology on Student Learning.
American Educational Research Association (AERA)
Annual Conference – April 10-14, 2001, Seattle, WA

At Daubert's Gate: Educational Research and Expert Witness Testimony.
American Educational Research Association (AERA)
Annual Conference – April 10-14, 2001, Seattle, WA

Student Racial Attitudes: Measuring the Effects of Interracial Contact in Cyberspace.
American Educational Research Association (AERA)
Annual Conference – April 24-28, 2000, New Orleans, LA

Guidelines for Assessing Technology: Implementation and Outcomes
American Association of School Administrators (AASA)
Annual Conference – February 19-22, 1999, New Orleans, LA

Guidelines for Assessing Technology: Implementation and Outcomes
Association for Supervision and Curriculum Development (ASCD)
Annual Conference – March 6-8, 1999, San Francisco, CA

The Equity Effects of Technology: A Discussion Between Researchers and Political Leaders. American Educational Research Association (AERA)
Annual Conference – April 19-23, 1999, Montreal, Canada

The Digital Divide: The Relationships of Technology to Student Achievement, Equity Outcomes, and School Reform.
American Educational Research Association (AERA)
Annual Conference – April 19-23, 1999, Montreal, Canada

NON-REFEREED, INVITED PROFESSIONAL PRESENTATIONS

[Connected Learning that Matters](#).
D2L Brightspace Fusion annual conference.
Featured Presentation
Washington, D.C.
July 19, 2016

Beyond Klout: Towards an Understanding of Influence via Network Theory
Social Media Institute and Iraqi Young Leaders Exchange Program (IYLEP)
Virginia Commonwealth University (Richmond, VA)
July 5, 2012

Leadership 2.0: Transforming Schooling in and for the 21st Century
Chesterfield County Public Schools – [Chesterfield Information Technology Expo](#)(CITE)
Cosby High School (Chesterfield County, VA)
August 19, 2010

Leadership 2.0: Transforming Schooling in and for the 21st Century
Texas Educational Service Center (ESC) 11 Virtual Technology Conference (VTC)
November 11, 2009 – online

Web 2.0 and Professional Learning
Virginia Association of Independent Schools (VAIS) – Educational Technology Retreat
March, 2009, Glen Allen, VA

Leadership 2.0: Leadership Without Followers
Virginia Society for Technology in Education – Educational Technology Leadership
Institute
February 22, 2009, Virginia Beach, VA

GRANTS AND CONTRACTS

External Grants:

Ecology Disrupted: Using real scientific data about daily life to link environmental issues to ecological processes in secondary school science classrooms
This grant, funded by the National Science Foundation (NSF), involved the development and testing of unique curricular units to help kids understand ecological principles. My role in the project was to lead the pilot and field testing of the curriculum units*.*

GRANT PERIOD: 9/1/09 – 8/31/12

FUNDING: Total: $1,079,699 – VCU (me): $82,138

PROJECT SUMMARY: The City College of New York and the American Museum of Natural History propose to refine and develop four case study modules in order to research the question, "Can curricular units that incorporate the analysis of real data from published research on the consequences of everyday life activities to link environmental issues to ecological principles improve student learning of ecological principles, personal and human environmental impacts and the nature of scientific activity?" The case study modules will use real data from authentic scientific research to link daily life to environmental issues and ecological principles. The modules will be built around engaging media about the scientists and their research and designed using a strategy that joins together teacher implementers, educators, researchers, and product developers in order to insure a product accessible to all learners. Controlled

efficacy studies of modules will be performed in randomized control trials of the classrooms of 60 ninth grade Living Environment New York City public school teachers. Existing New York State Regents assessment items will be examined and new assessment items will be developed, field tested, and analyzed for validity and reliability. Students in the experimental and control classrooms will be pre- and post-tested using the developed assessments. In addition, teachers and students will complete pre-post surveys, and stratified samples of teachers will be observed and interviewed. To examine the effects of the intervention on student achievement and on instructional practices, descriptive and inferential statistics, including analysis of variance procedures will be employed in addressing the core research question dealing with student achievement. Analysis of variance techniques will also be used to examine main effects and to measure interactions between the intervention and other variables as they relate to student achievement scores.

Project ALL: Authentic Learning for Leaders
I was the evaluator on VCU's Project ALL grant. In this role, I have been working with the project team to complete annual reports and to design a formal evaluation of the leadership development program being designed through the grant.

GRANT PERIOD: 9/1/09 – 8/31/14

FUNDING: Total: $5,258,547 – VCU (me): $170,131

PROJECT SUMMARY: "Project ALL" (Authentic Learning for Leaders) addresses the need for a continuous pool of instructional leaders by:
- Recruiting exemplary teachers who are already instructional leaders from an extensive network of teacherleaders developed by the School of Education's Center for Teacher Leadership to be involved in an innovative, field-based training program that leads to Virginia administrative endorsement.
- Designing and piloting an instructional leader preparation program based on case studies, school-year simulations, and an internship that will prepare assistant principals to be instructional leaders in Richmond's middle and high schools.
- Developing a strong induction program that includes a yearlong instructional assistant principal apprenticeship under the guidance of a team of successful mentor leaders, followed by two years of additional mentoring.
- Incorporating new training methods and materials into university leadership preparation programs and leadership professional development nationally.
- Similar to business and military training simulators, the project will develop a school-year simulator that will use fullmotion-based video based on a

computermodel of the contingencies, priorities, crises, and decision consequences that make school leadership so demanding.

TEACHING AND ADVISING

COURSES TAUGHT

At VCU

- ADMS 647 – Educational Technology and School Leadership
- ADMS 707 – The Politics of Education
- EDLP 717 – Communicating Research Findings
- ADMS 611 – School Law
- EDUS 710 – Educational Research Design
- EDLP 704 – Frameworks for Decision-Making: Legal Perspectives

At Hofstra

- EADM 244 – School Law
- EADM 262A – Understanding External Environments: Social, Political, Economic and Legal Contexts of Schools
- EADM 280P / FDED 285P – The Politics of Education (graduate elective)
- FDED 111/112 – The Politics of Education (undergraduate Ed. Studies course)
- EADM 281L – Web-based Surveys for Data-Driven Decision Makers
- EADM 357/358 – Applied Research in Educational Settings
- EADM 320/321 – Exploring the Field of Educational Administration: Introduction to Doctoral Studies

SERVICE

MAJOR COMMITTEES

Department:

- Distance Education Coordinator - October 2017 - present
- Track Coordinator – Ph.D. in Education – September 1, 2008 – August 2011

School:
- Promotion & Tenure Committee – August 2017 – present
- School of Education Technology Committee – August 2017 - present
- School of Education Website Redesign Committee- February 2013 – July 2013

- Research & Professional Development Committee   September 2008 – August 2009 (Chairperson) - September 2007-August 2008 (Member)
- Dean's Task Force on External Funding and the Conduct of Research - February 2008 – May 2008

University:
- New Budget Model Task Force-   September 2014 – August 2017
- Learning & Development Council- September 2014 – August 2017
- Online Learning Strategic Planning Task Force- February 2013 – July 2013
- Instructional Technology Advisory Group (ITAG)- September 2008 – July 2013
- Online Learning Advisory Board- September 2011 – September 2012
- Research Computing Work Group- Spring 2010-Summer 2010
- University Graduate Council (UGC)- September 2008 – August 2010

EDITORIAL ACTIVITY

- *Journal of Educational Computing Research*, Reviewer, August 2017 - present

SPECIAL AWARDS, FELLOWSHIPS AND OTHER HONORS

- Judy S. Richardson Literacy and Technology Innovations Fund Award – 2009
- VCU Alumni Council's Faculty Award for Exemplary Applications of Technology in the Classroom – 2009, 2010