# Paul A. Youngman

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## EDUCATION

**The University of North Carolina-Chapel Hill**

Ph.D. German Literature, May 2003

North Carolina Teaching Certification. German K-12. Paper: *Theories of Second Language Acquisition,* May, 1999

M.A. German Literature, December, 1995

**Washington and Lee University**

B.S. Business Administration. Cum Laude, June, 1987

## PROFESSIONAL EXPERIENCE

**Washington and Lee University**

Associate Provost, 2018-present

Chair, Department of German, Russian, and Arabic 2014-2018

Professor of German, 2014-present

Founding Chair, Digital Humanities Committee, 2016-present

Founding Chair, Digital Humanities Working Group, 2013-2016

Associate Professor of German, 2012-2014

**The University of North Carolina-Charlotte**

Faculty Associate, North Carolina Complex Systems Institute, 2010-2013

Director, Center for Advanced Research in the Humanities, 2010-2012

Associate Professor of German, 2008-2012

Director, Center for Humanities, Technology, and Science, 2007-2010

Assistant Professor of German, 2003-08

**Center for Global Initiatives, The University of North Carolina-Chapel Hill**

Visiting Scholar, 2006-07

# GRANTS

**External**

Andrew W. Mellon Foundation – Digital Humanities (2015)

ACS – R1 Partnership Grant with UVA (2013, 2015, 2017)

NEH – Digital Humanities Summer Institute (2010)

DAAD Summer Research Award, Center for Functional Nanostructures, Karlsruhe, Germany (2008)

Fulbright Junior Research Award, University of Hamburg, Germany (2008)

Summer Research Fellow, Max Kade Center for Contemporary German Literature, Washington University in St. Louis (Summer 2007)

Post Doctoral Research Fellowship, DAAD (Summer 2004)

**Internal**

Lenfest Summer Research Grant, WLU (2012-2017)

Dean's Cohort Grant, WLU (2014)

Dean's Cohort Grant, WLU (2103)

HHMI Course Development Grant, WLU (2013)

College of Liberal Arts and Sciences Faculty Small Grant, UNCC (2011)

International Travel Grant, UNCC (2011)

Faculty Research Grant, UNCC (2007-08)

Junior Faculty Research Grant, UNCC (2005-06)

Curriculum and Instructional Development Grant, UNCC (2005-06)

General Education Course Development Grant, UNCC (Summer 2004)

# ACADEMIC HONORS

Active Learning Fellow (2017- 2018)

DAAD Peer Reviewer (2013-2015)

Fulbright Commission Peer Review Panelist (2010-2013)

DAAD Research Ambassador (2009-2015)

Presidential Scholar-Teacher Recognition Awardee (2003)

Phi Delta Kappa, National Teaching Honor Society (2001)

Omicron Delta Kappa, National Leadership Society (1986)

## PUBLICATIONS

**Books:**

Youngman, Paul A. *We are the Machine. The Computer, the Internet, and Information in Contemporary German Literature.* Camden House Press, 2009.

Youngman, Paul A*. Black Devil and Iron Angel. The Railway in Nineteenth-Century German Realism*. Catholic University Press, 2005.

**Edited Volume:**

Youngman, Paul A. and Mirsad Hadzikadic. *Complexity and the Human Experience: Modeling Complexity in the Humanities and Social Sciences.* Pan Stanford, 2014.

**Book Chapters:**

Youngman, Paul A. and Ted Carmichael "Big Data, Pattern Recognition, and Literary Studies: N-gramming the Railway in Nineteenth-Cenutry German Fiction." in *Distant Readings: Topologies of German Culture in the Long Nineteenth Century* Eds. Matt Erlin and Lynne Tatlock. Rochester, NY: Camden House Press, 2013.

"Cybernetic Flow, Analogy, and Probability in Max Frisch's *Homo Faber.*" in *The Max Frisch Companion Reader.* Ed. Olaf Berwald. Rochester, NY: Camden House Press, 2013.

"Digital Mythology: The Computer as Generator of Myth in Gerd Heidenreich's *Die Nacht der Händler.*" In *Digitales Wissen in der Wissensgesellschaft. Literatur – Computerspiel – Wissenschaftspraxis.* Ed. Harro Segeberg. Hamburg: Wachholtz Verlag, 2006.

**Refereed Journal Articles:**

Youngman, Paul A., et. Al. "Visualizing the Railway Space in Fontane's *Effi Briest,*" *Transit: A Journal of Travel, Migration, and Multiculturalism in the German Speaking World* 10.2 (2016).

Youngman, Paul A. and Ljiljana Fruk. "A Nanochemist and a Nanohumanist Take a Walk Through the German Museum: An Analysis of the Popularization of Nanoscience and Technology in Germany." *Journal of Conservation and Museum Studies* 12 (1): 7.

Barry, Jeff, Sara Sprenkle, Julie Knudson, and **Paul A. Youngman**. "Launching the Digital Humanities Movement at Washington and Lee University: A Case Study." *Academic Commons*. July 24, 2014.

"21st-Century Humanities: Art, Complexity, and Interdisciplinarity." *Human Affairs*. 2.22 (2012). 111-21.

Youngman, Paul A. and Ljiliana Fruk. "Save the Hype: Nanotechnology in Antonia Fehrenbach's Science Novel *Der Lotus Effekt*." *German Studies Review*. 34.1 (2011). 1-16.

"Civilization and Its Technological Discontents in René Pollesch's *world wide web-slums*." *German Studies Review* 31.2 (2008). 43-64.

**"**The Realization of a Virtual Past in Günter Grass's *Crabwalk*.**"** *Studies in 20th and 21st-Century Literature* 32.1 (2008). 179-201.

**"**Peace with Machines? Myth and Technology in Heinrich Hauser's *Gigant Hirn*.**"** *Seminar: A Journal of German Studies* 44.3 (2008). 334-50.

"Who's in Control? Computer Subjects and Human Objects in Friedrich Dürrenmatt's 'Elektronische Hirne.'" *Glossen: Eine internationale zweisprachige Publikation zu Literatur, Film, und Kunst in den deutschsprachigen Ländern nach 1945* 26 (2007).

"Theodor Fontane's *abermaliger Zug*: Myth, Enlightenment and the Train in *Cécile* and *Effi Briest*." *Postscript. Publication of the Philological Association of the Carolinas* 21 (2004). 1-6.

"Robbing the Cradle: Mesoamerica, Greece, and the Power of Place in Max Frisch's *Homo Faber*." *Southeastern Council on Latin-American Studies Annals* 36 (2004). 130-36.

"Physicists, Irony, and Paradox in Friedrich Dürrenmatt's *Die Physiker*." *MIFLC Review* 11 (2003). 33-42.

**Conference Proceedings:**
Song, Min, Paul Youngman, and Stan Ruecker. "Indications of Emotional Connection: Epistolary Text Mining for Intimate Language." Proceedings of the BooksOnline'09 Workshop of the European Conference on Digital Libraries (ECDL). Corfu, Greece. Oct 2, 2009. http://research.microsoft.com/en-us/um/cambridge/events/booksonline09/papers.htm

**Book Reviews:**

*Digitale Integration von Migranten? Ethnographische Fallstudien zur digitalen Spaltung in Deutschland.* By Oliver Hinkelbein. *German Studies Review.* 39.1 (2016): 209-11.

*The Dada Cyborg. Visions of the New Human in Weimar Berlin.* By Matthew Biro. *Germany Quarterly.* 83.3 (2010): 388-89.

*Cityscapes and Countryside in Contemporary German Literature.* Eds. Osman Durrani and Julian Preece. *German Studies Review* 30.1 (2007): 236.

*Cyberspaces of Everyday Life.* By Mark Nunes. *Other Voices: The Ejournal of Cultural Criticism* 3.1 (May 2007).

*Einwände und Einsichten.* By U. Henry Gerlach. *German Quarterly* 77.1 (2004): 103-04.

*Problematische Naturen: Held und Heroismus im realistischen Erzählen.* By Bettina Plett. *German Quarterly* 76.3 (2003): 336-37.

*Spielend Deutsch Lernen.* By Juana Sanchez, Carlos Sanz, and Michael Dreke. *Die Unterrichtspraxis* 36.1 (2003): 99-100.

## KEYNOTE LECTURES

"Digital Humanities: Neoliberal, Corporatist Takeover of the Classroom or Pedagogical Innovation?" Plenary Workshop for the 2016 Roanoke College Faculty Teaching Conference. Salem, VA, August 23, 2016.

"Nanohumanities." Keynote Address for The Center for Functional Nanostructures International Summer School on Nano-Biology. Karlsruhe Institute of Technology, Bad Herrenalb, Germany, September 10, 2011.

"Nanohumanities, or a Non-Scientist's Take on Nanotechnology." Keynote Address for "NanoSURE Symposium." University of North Carolina-Charlotte, Charlotte, NC, July 30, 2010.

"We are the Machine." Keynote Address for "Beyond Analogue: Current Research in Humanities Computing." University of Alberta, Edmonton, Alberta, February 13, 2009.

## INVITED LECTURES

"Scaling up DH in a Liberal Arts Setting." A Workshop for the University of Richmond. Richmond, VA, September 26, 2017.

"Nanohumanities and the Limitations of Disciplinarity." Roanoke College Math, Computer Science and Physics Conversation Series. Salem, VA, January 31, 2013.

"German Studies and the Digital Humanities." Stanford University German Department Colloquium. Palo Alto, CA, November 14, 2012.

"*Black Devil and Iron Angel* Revisited: N-Gramming the Railway in 19th Century German Fiction." 40th Biennial International Symposium on German Literature and Culture. Washington University, St. Louis, MO, March 29 – April 1, 2012.

"Technological Continuities." First Annual Ethics Center Symposium. Digital People: Technology, Identity, and Social Change. Charlotte, NC, March 29, 2012.

"N-Gramming the Railway: Moretti, Culturomics, and the Digital Humanities." Exploring Digital Humanities: Practicality and Potential. Charlotte, NC, December, 5, 2011.

"Complexity in the Humanities: A 21st-Century Model." NEH Summer Institute – Computer Simulations in the Humanities. Charlotte, NC, June 10, 2011.

"National Comparisons in Nanotechnology: A Roundtable Discussion." Annual Conference of the Society for the Study of Nanoscience and Emerging Technologies. Darmstadt, Germany, October 1, 2010.

"Complexity in the Humanities: Going Medieval in the Coming A-Disciplinary Era." National Forum on the Future of Complex Systems Research and Applications. Charlotte, NC, September, 16, 2010.

"Complexity as the Consilient Program." North Carolina Complex Systems Institute. Charlotte, NC, April 10, 2010.

"The Berlin Wall Twenty Years Later: A Former Soldier's Scholarly Perspective." Phi Beta Delta Honor Society for International Scholars Global Perspectives Series. University of North Carolina-Charlotte, Charlotte, NC, March 16, 2010.

"Computing Unease. The Case of Heinrich Hauser's *Gigant Hirn*." Fulbright Lecture Series. Ludwigs-Maximillian Universität, Munich, Germany, July 1, 2008.

"Liebe per Email. Daniel Glattauers *Gut gegen Nordwind.*" Universität Hamburg, Hamburg, Germany, June 19, 2008.

"Great Expectations:  Insights into Academic and Social Life at U.S. Universities."  German Fulbright Orientation Conference.  Universität Jena, Jena, Germany, May 8, 2008.

"We are the Machine:  Technological Unease and the Railway in 19th-Century Germany."  German-American Center and the James F. Byrnes Institute. Stuttgart, Germany, May 7, 2008.

"Literature and Technology."  Universität Hamburg, Hamburg, Germany, February 6, 2008.

"Literature and Technology."  Universität Hamburg, Hamburg, Germany, February 6, 2008.

## MEDIA INTERVIEWS

"Nanotechnology Inside Out."  AllTV Brazil.  Interviewer: Paulo Roberto Martins, Research Technology Institute of Sao Paulo.  November 30, 2010.

## PRESENTATIONS

"Mapping the Literary Railway."  German Studies Association Conference, Atlanta, GA, October 5-8, 2017.

"Sustaining and Scaling the Digital Liberal Arts." Digital Humanities 2017, Montreal, August 11, 2017.

"Mapping the Literary Railway in the German-Speaking World." German Studies Association Annual Conference, Washington DC, October 1-4, 2015.

"Visualizing the Railway Space in Fontane's *Effi Briest*" The Annual Meeting of the Southeastern German Studies Consortium, Davidson College, February 27, 2015.

"On Borders: the Human v. the Technological" The Annual Meeting of the Southeastern German Studies Consortium, Davidson College, March 28, 2014.

"Literary Map of the Railway in the Nineteenth Century." German Studies Association Annual Conference, Kansas City, MO, September 18-21, 2014.

"Museum NST."  Annual Conference of the Society for Literature, Science and the Arts, South Bend, IN, October 3-6, 2013.

"Nanodiscourse in the German Science Novel." Society for the Study of Nanoscience and Emerging Technologies, Tempe, AZ, November 7-10, 2011.

 "German Studies and the Digital Humanities." German Studies Association Annual Conference, Louisville, KY, September 22-25, 2011.

"The Science Novel in Nanodiscourse."  Kentucky Foreign Language Conference, Lexington, KY, April 15-17, 2011.

"Nanonationalism or Nationalnanoism." Annual Conference of the Society for Literature, Science, and the Arts, Indianapolis, IN, October 28-31, 2010.

"Pulling History or Pushing an Agenda?  Twentieth-Century German History and the World Wide Web in Erich Loest's *Reichsgericht*."  Annual Conference of the Society for Literature, Science, and the Arts, Portland, ME, November 1-4, 2007.

"Civilization and Its Technological Discontents in René Pollesch's *world wide web-slums*."  Kentucky Foreign Language Conference, Lexington, KY, April 19-21, 2007.

"Digital Realities and Digital Myths in Contemporary German Literature.  The Case of Friedrich Dürrenmatt."  Annual Conference of the Philological Association of the Carolinas, Coastal Carolina University, Myrtle Beach, SC, March 22-24, 2007.

"An Evolutionary Necessity?  Machine and Human (Co)Evolution in Heinrich Hauser's *Gigant Hirn*."  Annual Conference of the Society for Literature, Science, and the Arts, New York, NY, November 9-11, 2006.

"The UNCC High Flyers: A Presentation on College-High School Articulation." Fall Conference of the North Carolina AATG, Chapel Hill, NC, October 27-28, 2006.

"The New Nature: The Computer as Generator of Myth in Gerd Heidenreich's *Die Nacht der Händler*." Kentucky Foreign Language Conference, Lexington, KY, April 20-22, 2006.

"The Myth of the (Un)conscious Computer in Heinrich Hauser's *Gigant Hirn*." Annual Conference of the Society for Literature, Science, and the Arts, Chicago, IL, November 10-13, 2005.

"Molochen der Menschheit: Heinrich Hauser's *Gigant Hirn.*" Annual Conference of the Philological Association of the Carolinas, Coker College, Myrtle Beach, SC, March 11, 2005.

"Eine Tasse heiß*en* Kaffee, or How to Run German Learners Off?" Annual Conference of the South Atlantic Modern Language Association, Roanoke, VA, November 12-14, 2004.

"The Realization of a Virtual Past in Günter Grass's *Crabwalk*." Annual Conference of the Society for Literature, Science, and the Arts, Duke University, Durham, NC, October 14-17, 2004.

"Witches, Calculus, and Bridges: The Collapse of the Bridge over the Firth of Tay and its Literary Representation in Theodor Fontane's "Die Brück' am Tay" and Max Eyth's *Berufstragik*." Annual Conference of the Philological Association of the Carolinas, The University of North Carolina at Charlotte, Charlotte, NC, March 20, 2004.

"Robbing the Cradle: Latin America, Greece, and the Power of Place in Max Frisch's *Homo Faber*." Annual Conference of the Southeastern Council on Latin American Studies, Santo Domingo, Dominican Republic, March 5, 2004.

"Physicists, Irony, and Paradox in Friedrich Dürrenmatt's *Die Physiker*." Mountain Interstate Foreign Language Conference, College of Charleston, Charleston, SC, October 11, 2003.

"Theodor Fontane's *abermaliger Zug*: Myth, Enlightenment, and the Train in *Cécile* and *Effi Briest*." Annual Conference of the Philological Association of the Carolinas, Francis Marion University, Myrtle Beach, SC, March 28, 2003.

"Innovation versus Tradition? The Coming of the Railroad in the Writings of Berthold Auerbach." Annual Conference of the Philological Association of the Carolinas, The University of North Carolina at Asheville, Asheville, NC, March 22, 2002.

## TEACHING

***Courses Taught Washington and Lee:***
> GERM 430 Independent Study: Digital Humanities Practicum – *Leipziger
> > Illustrirte*
> GERM 392 *Layered Berlin and the Social Market Economy*
> GERM 349 *Digital Goethe: German Classicism*
> GERM 347 *Age of Goethe*
> GERM 321 *Literature in the Computer Age*
> GERM 311 *Advanced German*
> LIT 295 *Antisemitism in the German Culture*
> GERM 262 *Intermediate German II*
> GERM 261 *Intermediate German I*

***Courses Taught UNC Charlotte:***
> MALS 6102 *Antisemitism in the German Culture* (Graduate Seminar)
> MALS 6000 *Great Books* (Graduate Seminar)
> LBST 2101 *Antisemitism in the German Culture* (Undergraduate Lecture)
> LBST 2213/HTAS 2100 *Introduction to Humanities, Technology, and
> Science*

GERM 4050 *German Current Affairs Through the Media*
GERM 4101 *The Real World? Nineteenth-Century German Literature and*
        *Thought*
GERM 3202 *Advanced Conversation and Composition* II
GERM 3201 *Advanced Conversation and Composition* I
GERM 3050 *Berlin in the Mirror of Time* (Study Abroad Course)
GERM 3030 *Marx, Nietzsche, and Freud*
GERM 2202 *Intermediate German* II
GERM 2201 *Intermediate German* I
GERM 1202 *Beginning German* II
GERM 1201 *Beginning German* I

# PROFESSIONAL SERVICE

### *Service to Washington and Lee University:*

Committee for Diversity and Inclusion, 2017-present

FLIP (First Gen-Low Income Partnership) Mentor, 2017-present

Campus LACOL (Liberal Arts Consortium for Online Learning) Representative, 2017-present

Faculty Representative to the Board of Trustees, 2015-2017

Digital Humanities Committee, Founding Chair, 2016-present

International Education Committee, Chair, 2013-2016

Digital Humanities Working Group, Founding Chair, 2013-2016

Task Force on Global Learning Objectives, 2103-2015

Global Learning Center Design and Planning Committee, 2013-2014

John Gunn Scholarship Committee, 2013-present

Fall Academy, Digital Humanities Panel, Convener and Presenter, 2013 - present

Fall Academy, Versatile Learning Classroom, Presenter, August 21, 2013

Faculty Mentor, Track and Field, 2013-present

Faculty Mentor, Cross Country, 2013-present

Faculty Mentor, Pi Kappa Phi, 2013-present

SSA: Book Colloquium, *Measuring the World* by Daniel Kehlmann*,* March 8, 2013

SSA: Digital Humanities Panel Convener, March 8, 2013

International Education Committee, 2012-present

Fellowships Committee, 2012-2015

DAAD Faculty Representative, 2012-2015

***Service to the Profession*:**
DAAD Peer Reviewer (2013-2015)

NEH Peer Reviewer, Office of Digital Humanities (2012-2014)

Co-Organizer, Smashing the Machine: The Troubled Legacy of Kantorowicz's Kampf, Lexington, VA. 9-10 September, 2012

Conference Organizer, Complexity and the Human Experience, Charlotte, NC, May 30 – June 1, 2012.

Fulbright Commission Peer Reviewer, 2010-2012.

DAAD Research Ambassador, 2009-2015.

Co-Site Coordinator, Society for Science, Literature, and the Arts Conference in Charlotte, NC, November 13-16, 2008.

First Vice-President, Philological Association of the Carolinas, 2006-present
Second Vice-President, Philological Association of the Carolinas, 2005-06

Member at Large, Philological Association of the Carolinas, 2003-05

Co-Site Coordinator, Society for Science, Literature, and the Arts Conference in Durham, NC, October 14-17, 2004

Co-Site Coordinator, Philological Association of the Carolinas Conference in Charlotte, NC, March 17-19, 2004

***Service to UNC Charlotte*:**
Veteran-to-Veteran Mentor, 2010-2012

University Fulbright Committee, 2009-2012

Primary Organizer, Digital Humanities 101: Reimagining the Scholarly Enterprise in Charlotte, NC. October 8-9, 2009

Task Force for the Establishment of a Ph.D. in Humanities and Technology, 2006-2007

Study Abroad Scholarship Review Committee, 2005-2012

Faculty Advisory Board, Master of Arts in Liberal Studies, 2005-08

Departmental Tenure and Promotion Review Committee, Department of Languages and Culture Studies, 2008-09, 2010-11

Chair, Academic Policy and Curriculum Committee, Department of Languages and Culture Studies, 2005-11

Academic Policy and Curriculum Committee, Department of Languages and Culture Studies, 2003-05

Departmental Chair Search Committee, Department of Languages and Culture Studies, 2005-06

Instructional and Information Technology Advisory Committee, Department of Language and Culture Studies, 2004-2012

## LANGUAGES

English, German (near-native fluency), and Dutch (reading knowledge)