
CURRICULUM VITAE

STEVEN T. KING

**ASSISTANT PROFESSOR
SCHOOL OF MEDIA AND JOURNALISM
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL**

77 Carroll Hall
Campus Box 3365
steventking.com
steven.king@unc.edu
919-360-8907

PERSONAL NOTE

This document lists the accomplishments obtained in service of my professional calling as a professor. The credit and glory for each item listed is to Christ Jesus, who gives me the gifts and talents that make me effective in my endeavors.

EDUCATION

University of Liverpool, United Kingdom

Master of Computer Science in Internet Communications, December 2013.

Western Kentucky University

Bachelor of Arts in Photojournalism, December 2003.

ACADEMIC EXPERIENCE

University of North Carolina at Chapel Hill

Assistant Professor, School of Media and Journalism, January 2014-current.

Instructor, School of Media and Journalism, July 2011-December 2013.

PROFESSIONAL EXPERIENCE

The Washington Post

Director of Video, July 2010-July 2011.

The Washington Post

Editor of Innovations, September 2008-July 2010.

International Mission Board

Overseas Correspondent, May 2006-September 2008.

Lexington Herald-Leader

Freelance Multimedia Editor/Producer for Kentucky Derby, May 2006, 2007, 2008 and 2009.

Washingtonpost.Newsweek Interactive

Multimedia Editor, January 2004-May 2006.

MSNBC.com, Olympics.com

Multimedia Producer, January 2002-April 2002.

Birmingham Post-Herald

Intern Photojournalist, June 2001-August 2001.

AWARDS, GRANTS AND RECOGNITION

Raising The Score

Summary: The interactive documentary project showcases and explains the innovative CARE Community Score Card which enables governments to provide better services to communities. The project was presented in a public screening attended by CARE executives, university donors, program and journalism school supporters, students and parents as well as through an interactive website with audiences of government officials, development organizations and the general public.

Role: Executive Producer and Professor

Publication Date: May 1, 2015

Funding:

CARE USA, non-profit aid organization sponsored research grant.

\$80,000 for content creation and interactive development.

Intensive Care for a Damaged Dome

Summary: A non-touch gesture interface for controlling 3-D models and 360-degree video. Application provides additional information about the renovation through motion tracking. Presented live at the 2015 White House Correspondents' Dinner to media executives, high-ranking government officials, celebrities and journalists.

Role: Inventor, Designer and Developer

Invention date: March 1, 2015

Publication date: March 17, 2015

Funding:

Development funded by *The Washington Post* Innovation Fund.

\$20,000 for development and integration.

EbolaInLiberia.org

Summary: Data visualization site used for decision-making at the request of the Minister of Information in Liberia during the Ebola crisis in 2014-15. The project was used to brief the president of Liberia daily and for tracking the spread of the disease.

Role: Development Director

Publication Date: August 21, 2014

Honors:

- Praised by Tony Blair's Commission on Africa for "helpful and outstanding work" in efforts to fight the Ebola outbreak.
- Praised in multiple speeches as "engaged research" by Chancellor Carol Folt including University Day, 2014.
- Noted by senior class of 2014 as "top opportunity" for students to make an impact in the world.

FilmSync Invention

Summary: synchronized second-screen app for viewers to access while watching movies, documentary films, news video, live presentations and other linear experiences. FilmSync delivers an audience engagement experience in sync with the story, allowing viewers to passively or actively consume additional, unique content as the story progresses, making movie-watching a more interactive experience.

Role: Inventor, Designer and Developer

Invention date: February 1, 2014

Funding:

Knight Prototype Grant for innovation in public service.

\$35,000 for application design and development.

LivingGalapagos.org

Summary: An online issue magazine and interactive documentary that catalogs the issues and conflicts of man trying to live in this island environment.

Role: Associate Producer and Multimedia Coach

Publication date: 2012

Honors:

- Winner, South by Southwest Interactive: Best Student Publication, 2012.
- Gold, Horizon Interactive Awards: College and university category for interactive presentation, 2012.
- Best in Category, Horizon Interactive Awards: Short film or video, 2012.
- Gold, Society of News Design. The SNDs award excellence in digital storytelling, 2012.

Under Suspicion: Voices about Muslims in America, Interactive documentary feature for The Washington Post

Summary: This project expresses the current situation facing Muslims ten years after the September 11, 2001, attacks. Many Muslims in America struggle to reconcile their American identity with their faith amid skepticism from non-Muslims. In dozens of video interviews conducted by *The Washington Post* journalists across the country, Americans of all religious backgrounds candidly talk about the roots of suspicion, misunderstandings about Islam and confronting their own fears.

Role: Concept, Director and Editor

Publication date: August 2011

Honors:

- Regional Emmy Award for News. One of three nominees in this professional competition, considered the Oscars of television and recognizes excellence in broadcast and online reporting, 2012.
- National Edward R. Murrow Award for Online News Video. Awarded the honor by the most prestigious awards in broadcast news “honoring excellence in electronic journalism,” 2012.
- 3rd Place, White House News Photographers Association for Video Editing. National award by industry peers, 2012.

Remembering the Shuttle Era, Multimedia documentary video for The Washington Post

Summary: This piece mixes 3-D modeling, a motion graphic timeline, historical video footage, photography and video for a look back at the 30-year-old program. The video was conceived, written, edited and produced in less than one month by a small crew of journalists, videographers, graphic designers and editors.

Role: Executive Producer and Director

Publication date: July 2011

Honors:

- 2012 Regional Emmy Award for Historic/Cultural Program or Feature. *Remembering the Shuttle Era* was awarded the Regional Emmy Award for strong historical storytelling. The Emmy Awards are considered the Oscars of television and recognizes excellence in broadcast and online reporting, 2012.
- Finalist, Webby. Webby finalist in the Online Film and Video category. Webbys are awarded to the most innovative and interesting presentations on the Internet, 2011.
- 2nd Place, White House News Photographers Association for Multimedia Innovation. Received the honor for the use of “a cinematic approach in a unique online video,” 2012.

Congresswoman Shot, *The Washington Post*

Summary: Breaking news coverage of Congresswoman Gabrielle Giffords' shooting in Tucson. In the moments and days following the shooting. *The Washington Post* delivered accurate, informative, exclusive and emotional video storytelling.

Role: Video News Director and Lead Editor

Publication date: January 2011

Honors:

- National Edward R. Murrow Award for Online News Video. Awarded the most prestigious award in broadcast news "honoring excellence in electronic journalism," 2012.

TimeSpace App for *The Washington Post*

Summary: Interactive map and timeline interface that tracks media across the globe for *The Washington Post*. This experience catalogs media from various news organizations into a single interface that is easily filtered by time and place. The application can focus on a particular subject of interest such as "TimeSpace: Election" or more broadly such as "TimeSpace: World." The system extracts, geo-tags and catalogs 10,000+ media items per day.

Role: Visionary, Editor and Technical Lead

Publication date: October 2008, 2009 and 2010

Honors:

- *Editor and Publisher* wrote: "Taking website aggregation to a new level, *The Washington Post* today launched an online map that essentially brings together all aspects of its presidential campaign coverage into one place," 2009.
- PBS MediaShift wrote: "The brilliance of 'TimeSpace' is that it is not just one project. It was built as a framework, so that different maps could be created to cover different topics," 2009.

AndamanRising.org

Summary: *AndamanRising* documents the issues and successes of a culture rebuilding after the 2004 Asian Tsunami through an interactive, online documentary.

Role: Associate Producer and Multimedia Coach

Publication date: 2009

Honors:

- 1st Place, Online News Association. Best student online publication, 2009.
- Gold, Horizon Interactive Awards. College and university category for interactive presentation, 2009.

- Silver, Society of News Design. The SNDs award excellence in news and information design and interactivity, 2009.

OTHER AWARDS AND HONORS

Pictures of the Year International. International photojournalism and multimedia competition founded in 1944; receives 30,000-40,000 entries annually.

- 3rd Place, Best Use of Multimedia. The Mountain Workshops website, Multimedia coach and producer, 2008.
- 1st Place, News Picture Story. “Afghan Election,” Multimedia Editor, 2004.
- 1st Place, Issue Reporting Picture Story. “Monument to Failure,” Multimedia Editor, 2004.
- 3rd Place, Best Use of Multimedia. “Camera Works,” washingtonpost.com/photo, Multimedia Producer, 2004.

National Press Photographers Association's Best of Photojournalism. One of the largest and most prestigious photojournalism contests in the world; receives 20,000-30,000 entries annually.

- 3rd Place, Multimedia Package. *Reframing Mexico*, 2012.
- 2nd Place, News Video. “Able to Serve, Unable to Give,” 2009.

National Thoroughbred Racing Association's Eclipse Awards

- Media coverage, *Lexington Herald-Leader's* Kentucky Derby Interactive, 2007.

INVENTIONS AND NEW TECHNOLOGIES

Contextual information delivery system for asynchronous viewing of linear experiences

The FilmSync app uses open-source digital watermarking technologies and pitch-detection processes in a unique way to provide delivery of server-based content in sync with liner presentations when viewing live events or when shows are recorded or streamed later. The process and application of the technologies are patent pending in 2015. The project was a recipient of a \$35,000 Knight Prototype Grant in 2014.

This technology benefits the journalism industry through second-screen experience apps where news and documentary producers can provide additional, contextual information in sync with the video content. It also has implications for online learning environments and distributed classrooms.

Non-touch Gesture Interfaces for interacting with 3-D models and 360-degree video

This new experience was envisioned and developed as an interface for *The Washington Post* to display a 3-D model of the Capital dome. It allows users to interact with the content without touching any computer device. This iteration of my first non-touch development from 2012 is more precise and provides for more hand gestures. The

technology was presented at 2015 White House Correspondents' Dinner as part of an emerging technology exhibit.

Non-touch Gesture Interfaces for consuming news and social media

A technology that uses a gaming gesture sensor to consume and interact with news and social media. This was a collaboration with the Massachusetts Institute of Technology Media Lab team working on the DepthJS library. The concepts, research and a version of the technology was implemented by *The New York Times* in 2013 as the first gesture-controlled news app. Implementation is underway with other media properties across the country in 2015.

BIBLIOGRAPHY

***Innovative Interactivity* Editor and Contributor**

Innovative Interactivity is an online publication reaching more than 5,000 multimedia journalism professionals. As editor, I write and cultivate articles on current issues facing the visual storytelling industry. Editor from 2012-2014.

Open Source Development Projects Contributor

News Quiz: Interactive news quiz technology used by various media organizations. Contributor and provided responsive design upgrades and enhancements, 2013-current.

DepthJS: JavaScript engine for controlling web pages through non-touch gestures. Contributor and provided fixes and feature enhancements to the Massachusetts Institute of Technology Media Lab project, 2011-2012.

Photography Published in Online News Publications

"Evolving In The Industry," *NPPA: The Visual Student*, Publication Date: January 18, 2010. <http://blogs.nppa.org/visualstudent/2010/01/18/evolving-in-the-industry-steven-king>

"Inside TimeSpace," *The Washington Post*, Publication Date: February 27, 2009.

<http://www.washingtonpost.com/wp-dyn/content/article/2009/02/27/AR2009022702008.html>

Photography Published in Books

America 24/7, Alabama ed., Publication of seven images published in the Alabama state book, Publication date: 2004.

INDUSTRY CONSULTING

Time, Consulted on virtual reality and augmented reality concepts and designed projects for 2016.

The New York Times, Consulted on virtual reality and augmented reality concepts in 2015.

The Washington Post, Consulted on new and emerging technologies such as non-touch gesture sensors, virtual reality, augmented reality and mobile application development, 2014-2015.

The New Republic, Consulted on interactive media and digital newsroom workflow, Spring 2015.

TEACHING RECORD

INSTITUTE FOR DEFENSE AND BUSINESS

Media engagement workshop for Thailand's National Broadcasting and Telecommunications Commission

A one-week course implementing community engagement and human-centered design techniques while working with the broadcast and social media to solve difficult issues concerning an Islamic insurgency in southern Thailand. Faculty, Summer 2015.

Cooperation on stability operations

A one-week course that uses case studies to teach problem-solving and media relations in crisis situations. Faculty for media portions of the course, 2014-current.

COMMUNICATIONS UNIVERSITY OF CHINA, BEIJING, CHINA

MC600 Multimedia Workshop, 3 Credits, Students learn to find, document and present stories using photos, video and text and publish them online. Summer 2013.

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

ABC11 Interactive Media Workshop, Three, two-day workshops to take the entire ABC11 newsroom through online storytelling training, Summer 2015

UNC Interactive Media Design Workshop, A project-based, one-week workshop teaching professionals how to design, develop and create interactive data applications using HTML, CSS and JavaScript, Summer 2013, 2014 and 2015.

CSMA's Journalism Teaching Fellowship Program, 3 Credits, This summer school course teaches high school journalism teachers about photojournalism and how to teach it in their classrooms, 2011-current.

JOMC 187 Introduction to Multimedia Storytelling, 3 Credits, An introductory course in interactive development technique and content presentation. Students learn to design, develop and publish storytelling work, including an interactive magazine, Fall and Spring since 2011.

JOMC 491.003 390.001 Mobile App Design and Development, 3 Credits. An intermediate course in mobile application design and development techniques. Students learn to conceive, design, develop and deploy mobile applications, Fall 2014.

JOMC 586 Intermediate Multimedia Journalism, 3 Credits. An advanced course in interactive development techniques and data visualization. Students learn to present interactive interfaces and how to create data visualizations, Fall and Spring since 2011.

JOMC 583 Advanced Multimedia Programing, 3 Credits. An advanced course for journalists to develop database-driven applications that provide services to readers. Students learn to think logically and find and present data in visual ways while developing a robust database application, Spring 2012 and 2013.

JOMC 584 International Documentary Projects, co-teaching with Patrick Davison, 3 Credits. Students learn to find, document and present stories in other countries for a final documentary website, AndamanRising.org (Summer 2008), ReframingMexico.org (Spring 2010), LivingGalapagos.org (Spring 2012).

JOMC 717 Information Visualization MATC, 3 Credits, Explores the overlap between several disciplines: cognitive science, graphic design and information visualization. Student learn the basics of graphic design and how to present data visually, Summer 2013 and 2014.

ONA and NPPA Internship and Job Workshop. Students learn from an editor's perspective how to best present themselves for employment through a portfolio, resume and cover letter workshop, 2013, 2014 and 2015.

UNC Multimedia Bootcamp, A project-based, one-week workshop where students and professionals learn how to shoot, edit and publish video stories, Summer 2011 and 2012.

MASTER'S THESES CHAIR

John Roberts, M.A.T.C., "Computer and Human-Assisted Curating of Storytelling." Thesis Committee Chair, Pending Fall 2015.

Ashlie White, M.A.T.C., "Reporting Policy: Examines insurance company policies and promotes awareness of prosthetics issues." Thesis Committee Chair, Pending Fall 2015.

Jason Whitley, M.A.T.C., "Diagnosing your Doppelgänger." Thesis Committee Chair, 2015.

Jagmeet Mac, M.A., "Walter's Walk: Documentary on homeless life in North Carolina." Thesis Committee Chair, 2014.

MASTER'S THESES COMMITTEES

Grayson Mendenhall, M.A., "10,000 a Day." Thesis Committee Member, 2015.

Ryan Comfort, M.A., "Protecting the Boundary." Thesis Committee Member, 2014.

Kathryn Faulkner, M.A., "Mobile First as a Practical Design Theory." Thesis Committee Member, 2012.

Vanessa Patchett, M.A., "PTSD Veterans: Tracking the issues facing soldiers suffering from Post Traumatic Stress Disorder." Thesis Committee Member, 2012.

SERVICE | UNIVERSITY

Thailand Media Engagement Seminar. Faculty leader, instructor and advisor on Thai media and human-centered policy writing. Bangkok, Thailand, Summer 2015. Taught and helped create curriculum on a strategic communication plan for Thailand's National Broadcasting and Telecommunications Commission (equivalent to the United States Federal Communications Commission) dealing with Islamic insurgents in the deep south of Thailand.

EbolaInLiberia.org. Co-creator, developer and data visualizer, August 2014 through March 2015.

At the request of the Ministry of Information in Liberia, I worked with colleagues and students to create a data dashboard that was used by the government in Liberia to make important healthcare decisions in fighting Ebola and was used to brief the president of Liberia daily.

onField inField. Creator and Evangelist. 2014 through 2015. Worked with UNC Athletic Director Bubba Cunningham to promote change to NCAA academic rules to help student-athletes become more successful on the field and in their field of study.

Scientists With Stories Workshop and Festival: Scientists with Cameras. Invited speaker and panel moderator, 2012.

LiNK: Liberty in North Korea at UNC. Invited speaker, "Inside View of North Korea," Chapel Hill, N.C., November 2011

SERVICE | SCHOOL OF MEDIA AND JOURNALISM

UNC Interactive Workshop. Director, Chapel Hill, N.C., May 2013, 2014 and 2015.

Resound magazine. Technical advisor and developer consultant for student-driven and grant-funded entrepreneurial project, November 2012–2014.

VII Master Class and Forum. Moderator and host presenting with world-renowned photojournalists and documentary film makers from Agency VII, 2013.

Breaking News Coverage. Led students to cover Super Storm Sandy on the Virginia and Maryland coasts for *The Washington Post*. Student work was presented on the homepage of washingtonpost.com for 20 hours and became the most-viewed video on the site for two days, October 2012.

ONA: Online News Association Student Chapter. Faculty Advisor, Fall 2012-current.

Reese News Lab. Consultant and Speaker, Fall 2011-current.

Korean Producers and Directors Educational Institute. Invited speaker, “Future of Interactive Television,” Chapel Hill, N.C., July 2012.

UNC Multimedia Bootcamp. Invited speaker, “Future of Online Journalism,” Chapel Hill, N.C., May 2012.

Korean Broadcast Journalists Association. Invited speaker, “Covering and Election in a New Media World. Case Study of *The Washington Post*,” Chapel Hill, N.C., Fall 2011.

Korean News Editors Association. Invited speaker, “Journalist and Interactive Tools You Can Use,” Chapel Hill, N.C., Fall 2011 and 2012.

Student Chapter of the National Press Photographers Association. Faculty Consultant, Fall 2011-2012.

Journalism Interactive Conference. Board Member, University of Florida 2012, University of Maryland 2013 and University of Missouri 2014.

Washington Post Research and Design team. Invited and organized presentations by technology and journalism professionals to five journalism classes, Spring 2012.

FiveNineOne Games. Invited and organized presentations and working session with professional game designers working for the Scripts-funded startup company, October 2012.

SERVICE | COMMUNITY AND INDUSTRY

Journalism Interactive. National Board Member, January 2012-current.

Journalism Interactive Conference. Guest Speaker, "Teaching and Creating Data Journalism," April 2015.

Online News Association. Invited Speaker, "Future of Virtual Reality Journalism," October 2014.

Journalism Interactive Conference. Guest Speaker, "Tools for Interactive Journalism," April 2014.
Panel Moderator, "Current state and Future of Data Journalism with Hannah Fairfield of NYTimes and Jeremy Bowers of NPR," April 2014.

Online News Association. Invited Speaker, "Future of Non-Touch Gesture-Based Storytelling," October 2013.

PhotoGenX, International Injustice Storytelling Track. Professor of multimedia storytelling in Jakarta, Indonesia, June-July 2013.

Interactive Journalism Conference. Guest Speaker, "Future of Non-Touch Gesture-Based Storytelling," February 2013.

Chapel Hill Bible Church. Consultant and communications team member for community outreach, November 2012–current.

North Carolina Virtual Public School. Curriculum Advisory Panel for Photography and Videography courses, July 2012-current.

North Carolina Museum of Art. Art of Videography Think Tank, Panelist and Curriculum Advisor and Editor, July 2012.

North Carolina Museum of Art, Power of the Image Symposium. Invited speaker, "Behind the Camera of History Changing Moments," presented to North Carolina educators and high school students at NCMA, Raleigh, N.C., April 12, 2012.

The Mountain Workshops. A leading national photojournalism and multimedia journalism workshop. Invited speaker and story concept consultant, "Video Journalism at *The Washington Post*," Somerset, Ky., October 2012.

PhotoNight at UNC-CH. Invited speaker, "From Overseas Correspondent Newsroom Editor," Chapel Hill, N.C., September 2011.

Temple University, School of Computer Science. Guest Lecturer, "Visual Development for Innovation," April 2010.

News Innovations Conference. Guest Speaker, "How to Innovate in a Print Newsroom," February 2010.

Judging

National Emmy Awards. Juror, May 2013 and May 2014.

Society of Travel Writers. Interactive website competition juror, May 2012, 2013 and 2014.

Society of Travel Writers. Mobile application competition juror, May 2012, 2013 and 2014.

Southeastern Journalism Conference Contest. Interactive news website competition juror, January 2012.

Training

Mobile Journalism Tools and Technology Workshop. Developed and taught entire ABC11 newsroom over three, two-day courses, August 2015.

UNC Interactive Design and Development Workshop. Director and Faculty, Chapel Hill, N.C., May 2013, 2014 and 2015.

Interactive Journalism Workshop. Developed and taught Intro to Programming for Journalists. Workshop instructor, College Park, Md., April 2013.

UNC Multimedia Bootcamp. Interactive Journalism instructor, Chapel Hill, N.C., May 2012.

Eddie Adams Workshop. Multimedia instructor and producer, Jeffersonville, N.Y., October 2010.

MEDIA COVERAGE

Teaching

American Journalism Review, "The Big Conundrum: Should Journalists Learn Code?" September 24, 2014. <http://ajr.org/2014/09/24/should-journalists-learn-code/>

Ebola Project

The News and Observer, "Doing Better: UNC students develop online tool for tracking Ebola outbreak," October 25, 2014. <http://www.newsobserver.com/news/business/biz-columns-blogs/article10106678.html>

ABC11, "UNC professor tries to stop Ebola from spreading in Africa," October 12, 2014.

ExitEvent, "How Data Crunched and Visualized at UNC became a Powerful Tool in the Fight Against Ebola," October 2, 2014. <http://exitevent.com/article/Data-is-tool-in-fight-against-ebola-141002>

The Daily Tarheel, "McCrory jabs humanities, UNC faculty jab back," September 30, 2014. <http://www.dailytarheel.com/article/2014/09/mccrory-jabs-humanities-unc-faculty-jab-back>

WRAL, "UNC-built website helps Liberian officials track Ebola," September 15, 2014.

WRAL, "UNC creates Ebola tracker to help Liberian officials," September 15, 2014.

WUNC, NPR All Things Considered, "Liberia Asks Chapel Hill For Help With Ebola Outbreak," September 8, 2014. <http://wunc.org/post/liberia-asks-chapel-hill-help-ebola-outbreak>

onField inField

The Daily Tarheel, "New proposal pushes NCAA to change credit hour requirement for athletes," September 30, 2014. <http://www.dailytarheel.com/article/2014/09/mccrory-jabs-humanities-unc-faculty-jab-back>

The Cavalier Daily, "Lawsuit against NCAA, college conferences seeks greater athlete compensation," April 20, 2014. <http://www.cavalierdaily.com/article/2014/04/lawsuit-against-ncaa-college-conferences-seeks-greater-athlete-compensation>.