

MICHAEL WINFIELD

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EXPERIENCE

2011 – 2013

RESEARCH ASSISTANT, PENN STATE UNIVERSITY

- Conducted semi-structured interviews of former CFOs of Health South, as well as interviews of EPA regulatory stakeholders, on grounded theory research projects, while a doctoral student in the Ph.D. program in Management & Organization.

2008 – 2010

APPELLATE LITIGATOR, SOLO PRACTITIONER

- Won an appeal against the Department of Veterans' Affairs on behalf of a disabled veteran over the denial of benefits amounting to \$30,000.

2005 – 2007

LITIGATION ASSOCIATE, GOODWIN PROCTER LLP

- Conducted all stages of discovery on small and large teams, including patent litigation and securities litigation.
- Co-authored and/or authored appellate briefs and client memos, including antitrust and constitutional/administrative law.
- Participated in internal investigations and defenses to government investigations/prosecutions.

2002

AUDITOR, OFFICE OF THE NEW YORK STATE COMPTROLLER

- Conducted an electronic and on-site audit of the Welfare Management System of New York State, including in-person interviews, review of computer manuals and hardcopy documents, written reports, and oral presentations.

EDUCATION

2021-PRESENT

DOCTORAL CANDIDATE, OREGON STATE UNIVERSITY

- Ph.D. candidate in Sustainable Forest Management, with a concentration in Forest Geomatics. Major advisor: Michael Wing. GPA: 3.93.
- Rick Strahan Forest Engineering Research Fellowship Recipient (2022).
- OSU Science Media Fellowship Recipient (2022), directing *Disturbed*, a documentary short that premiered at Capri-Hollywood International Film Festival (2022), screened at Malibu Film Festival (2023), and won a Gold Remi at WorldFest-Houston 56.
- Plans to use UAV, GIS, and Remote Sensing in aid of restoration/disturbance ecology, especially with respect to post-fire and riparian systems.

- Member of Aerial Information Systems Lab, President of OSU Chapter of American Society of Photogrammetry and Remote Sensing (2023), Vice-President of OSU Chapter of American Society of Photogrammetry and Remote Sensing (2022), President of National Student Association for Fire Ecology (2023), and Secretary/Treasurer of National Student Association for Fire Ecology (2022).
- Member of Pyromaniacs and Hydrophiles, as well as planning committee member for the Western Forestry Graduate Research Symposium (2022 & 2023) and the Pacific Northwest Water Research Symposium (2022 & 2023).
- President of Xi Sigma Pi, an international honor society for forestry (2023).
- Graduate Student Council, FERM Representative (2023).

2016

DATA SCIENCE FELLOW, NYC DATA SCIENCE ACADEMY

- Completed 4 projects, including data visualization of airline patterns during a blizzard, web scraping a website using Scrapy, building a Shiny application to display the locations of historical weather events, and using machine learning to predict response variables using Kaggle competition datasets.

2011 – 2013

MASTER'S OF SCIENCE, PENN STATE UNIVERSITY

- Specialized in Management & Organization in the Smeal College of Business Administration, including theoretical coursework on organizational theory, strategic management, and design computing.
- Completed methods coursework in the Psychology and Sociology Departments, including quantitative research design, regression analysis, and structural equation modeling.

2002 – 2005

JURIS DOCTOR, FORDHAM UNIVERSITY SCHOOL OF LAW

- Served on Moot Court Board and Fordham International Law Journal.
- Competed in trial advocacy competition for Brendan Moore Trial Advocacy Team.

1998 – 2002

BACHELOR'S OF ARTS IN POLITICAL SCIENCE, HOWARD UNIVERSITY

- Received Laureate Scholarship.
- Graduated *cum laude*.
- Minored in film.

SKILLS

- SQL
- Python (e.g., Pandas & Seaborn)
- R (e.g., dplyr & ggplot)
- Machine Learning
- Parallel processing (e.g., Spark/Hadoop/Hive)
- SPSS/STATA/Mplus

ACTIVITIES

- Admitted to the New York Bar, S.D.N.Y., and E.D.N.Y.

- FAA-certified Part 107 UAV Pilot.
- **2012:** Placed as a Quarter Finalist in 2012 in the American Zoetrope Screenwriting Competition for 'The Annihilation'.
- **2013:** Traveled to Mossel Bay, South Africa, to direct a wildlife documentary in association with a scientific research organization, available at: <https://bit.ly/38JBRpQ>. (As of 2021, *Ranger* has been chosen as an Official Selection of 20 film festivals. A current list of its awards and nominations can be seen here: <https://imdb.to/2FYtWM6>.)
- **2013:** Received a mention of a high first-round score on the Academy Nicholl Fellowships in Screenwriting Facebook page for 'The Annihilation'.
- **2014-2015:** Giggled as a camera operator on corporate videos and pitch commercials for corporate clients for production studios.
- **2015:** Judged human rights documentaries for the Human Rights Watch Film Festival as a member of the 2015 Review Committee.
- **2020:** 'The Annihilation' and 'Three Strikes' selected as Official Selections of the Genre Lab Script Roundtable at the Lift-Off Global Network Film Festival at Pinewood Studios. (The full and current list of accolades for my screenplays can be found here: <https://writers.coverfly.com/profile/winfieldmc>.)
- **2020:** Acquired multiple machine-learning-based patents. <https://tinyurl.com/mcwpatents>