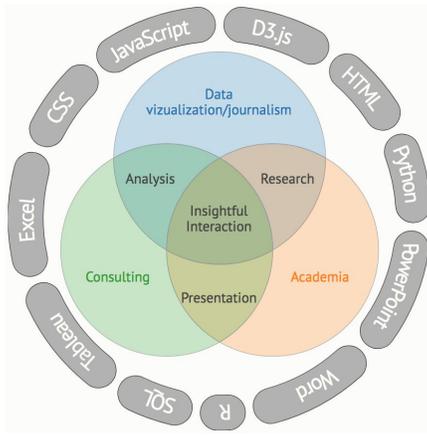


Talia Bronshtein



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Summary

18 years of data-journalism, data visualization, research, and management experience in academia, media, and in a top-tier consulting company, including:

- 6 years as a data journalist, including 3 years as an interactives editor;
- 6 years as a research fellow, postdoctoral researcher, and Ph.D. student;
- 4 years as an Eastern Europe and Central Asia (EECA) consultant, acting as both a project manager and a researcher;
- 12 years as a university lecturer / professor, including 5 years as the chair of a university department.

Awards, grants and honors

- 2019 George Polk Award
- 2019 NIHCM Digital Media Award
- 2018 The Knight Science Journalism Fellowship @ MIT
- 2017 NIHCM Digital Media Award
- 2017 Harvard Medical School Media Fellowship
- 2016 Gold AAAS Kavli Science Journalism Award
- 2016 The Best American Infographics
- 2015 OpenVis Conference scholarship
- 2011 Fulbright Conference Grant for organization of 'International Practices in Higher Education, Science, and Business' Conference
- 2010 Fulbright Scholarship
- 2008 RFEI University Book Publishing Grant
- 2008 RFEI University Book Publishing Grant

Experience

2018 - 2019	<p>Knight Science Journalism Research Fellow at MIT</p> <p>Explored decentralized technologies that may one day change the way everything from financial systems to journalism operate. https://ksj.mit.edu/dispatches/2019/03/19/fellow-profile-talia-bronshtein/</p>
2018 -	<p>Data Visualization and Coding Curriculum Developer at Gentle Knowledge</p> <p>Design and develop training materials and research projects and teach students. A dataviz project that I proposed was implemented by students that I mentored and it won first prize in the Congressional Data Challenge (https://labs.loc.gov/experiments/congressionalchallenge)</p>
2015 – 2018	<p>Interactives Editor at STAT, Boston Globe Media</p> <p>Supported data-driven and visual journalism across the newsroom, including small-group and in person dataviz training sessions for journalists. Generated original storytelling through interactive digital stories, graphics, dataviz and maps. Helped to develop newsroom tools and collaborated with reporters and editors to craft interactives.</p>
2014 -	<p>Investigative Data Journalist</p> <p>I create data-driven stories, helping to turn complex information into visualizations that tease out hidden patterns and connections.</p>
2013 – 2015	<p>Professor at the Russian Regional Finance and Economics Institute</p> <p>Faculty member working remotely on developing online and distance learning courses for the university.</p>
2011 - 2015	<p>Eastern Europe and Central Asia (EECA) Consultant at Euromonitor International</p> <p>Researcher responsible for the management of bespoke consulting projects that included quantitative and qualitative analytics, data visualizations, and presentations. Conducted market research and policy analysis that helped multinational blue chip FMCG companies and international agencies expand their presence in Eastern Europe and Central Asia.</p>
2009 – 2010	<p>Fulbright Visiting Scholar at Brandeis International Business School</p> <p>Analyzed significant national, regional, and global economic trends to assess the growth prospects of emerging post-Soviet economies. Constructed a framework for translating the best Western education and business practices and policies to the realities of emerging markets, which have only recently begun to integrate into the global economy.</p>
2008 – 2013	<p>Chair of the Finance Department at the Russian Regional Finance and Economics Institute</p> <p>Numerous administrative responsibilities in addition to research and teaching duties: set the agenda for the department while collaborating with other departments; created and maintained budgeting and operations databases related to ongoing university programs; monitored all department activities; communicated with the general public, government officials, and other universities.</p>

2007 – 2008	Associate Professor at the Russian Regional Finance and Economics Institute Taught courses and conducted research on various economic topics, including economies of scale, synergy, optimal structure, and scale of enterprises; wrote research papers and reports, and created data visualizations. Teaching: taught courses in international economics, macroeconomics, and organization theory, including a data visualization mini-course for economics and finance; mentored students; applied a wide range of pedagogical tools from traditional lectures to Internet-based technologies; developed course materials and visualizations that were used by other instructors.
2006 – 2007	Senior Lecturer at the Russian Regional Finance and Economics Institute Taught courses in international economics and macroeconomics, including a data visualization mini-course for economics and finance.
2003 – 2006	Lecturer at Moscow Institute of Law Taught courses in international economics and macroeconomics; designed educational materials including visualizations.

Education / Academic Research

- 2019 Knight Science Journalism Fellow, MIT
- 2010 Fulbright Visiting Scholar, Brandeis International Business School
- 2008 Ed. M. (summa cum laude) in Higher Education, Kursk State University
- 2005 Ph.D. in Economics from the Higher Attestation Commission of the Ministry of Education and Science of the Russian Federation, Kursk State Academy
- 2002 MA in International Economics (summa cum laude), Kursk State Academy

Selected media publications

Special Project: Breathtaking. The Weight of Numbers: Air Pollution and PM2.5, July, 2018, <https://undark.org/breathtaking/> :

- In the Ancient Valleys of Macedonia, a Pall of Air Pollution, December 19, 2018,
- In Chile, Bounded by Mountains and Smothered by Wood Smoke, December 5, 2018,
- In California's Fertile Valley, Industry and Agriculture Hang Heavy in the Air, December 3, 2018,
- In China's Industrial Centers, Lung Disease and Hard Choices, October 29, 2018,
- Amid Pollution and Political Indifference, Nigerians Struggle to Catch Their Breath, October 22,
- Bangladesh's Air Pollution Problem Grows, Brick by Brick, September 05, 2018,
- Gasping for Air in India's Industrial North, August 8, 2018,

Nerd's notes: How we did the ClinicalTrials.gov data analysis, March 30, 2018, <https://www.statnews.com/2018/03/30/clinicaltrials-data-analysis-explained/>

Faced with public pressure, research institutions step up reporting of clinical trial results, January 9, 2018, <https://www.statnews.com/2018/01/09/clinical-trials-reporting-nih/>

In states that didn't expand Medicaid, hospital closures have spiked, January 8, 2018, <https://www.statnews.com/2018/01/08/medicaid-hospital-closures/>

Explore: How many young doctors does your state retain after residency?, November 9, 2017, <https://www.statnews.com/2017/11/09/doctors-medical-residents-retention-rural/>

Preterm births in the U.S. rise again, signaling worrisome trend, November 1, 2017, <https://www.statnews.com/2017/11/01/preterm-birth-us-2016/>

6 in 10 doctors report abusive remarks from patients, and many get little help coping with the wounds, October 18, 2017, <https://www.statnews.com/2017/10/18/patient-prejudice-wounds-doctors/>

Medical school debts run \$180,000 on average per student, September 5, 2017, <https://www.statnews.com/2017/09/05/rising-debt-medical-school/>

EXPLORE: How Yemen's cholera outbreak spread to a half-million people, August 15, 2017, <https://www.statnews.com/2017/08/15/yemen-cholera-outbreak-deaths/>

The places in America where seniors are most — and least — likely to take their blood pressure meds, August 4, 2017, <https://www.statnews.com/2017/08/04/blood-pressure-adherence/>

Prescription opioid use is widespread. Here's who is most vulnerable to misuse, July 31, 2017, <https://www.statnews.com/2017/07/31/opioids-use-disorder-prescription/>

How much do doctors really make? Compare your salary to various specialties, July 18, 2017, <https://www.statnews.com/2017/07/18/doctors-salary-specialties/>

Explosive data: See how fireworks injuries skyrocket on the Fourth of July, June 29, 2017, <https://www.statnews.com/2017/06/29/fireworks-injuries-fourth-of-july/>

STAT forecast: Opioids could kill nearly 500,000 Americans in the next decade, June 27, 2017, <https://www.statnews.com/2017/06/27/opioid-deaths-forecast/>

Pro-helmet activists are notching wins against motorcyclists shouting 'freedom', May 31, 2017, <https://www.statnews.com/2017/05/31/helmet-law-motorcycle/>

'We are not going to enforce our way out of this.' Experts strategize new ways to fight opioid addiction, May 26, 2017, <https://www.statnews.com/2017/05/26/cleveland-opioid-treatment/>

Doctors have resisted guidelines to treat sepsis. New study suggests those guidelines save lives, May 21, 2017, <https://www.statnews.com/2017/05/21/sepsis-guidance-treatment-results/>

In rural Tennessee, a hospital turns to crowdfunding to stay afloat, May 18, 2017,
<https://www.statnews.com/2017/05/18/hospital-crowdfunding-tennessee/>

Raw milk and cheese cause 840 times more illnesses than pasteurized products, May 9, 2017,
<https://www.statnews.com/2017/05/09/raw-milk-cheese-illness/>

Female doctors earn less than men, even within the same specialty, April 27, 2017,
<https://www.statnews.com/2017/04/27/gender-pay-gap-specialty-doctor/>

A state-by-state breakdown of the striking gender gap in doctors' pay, April 26, 2017,
<https://www.statnews.com/2017/04/26/gender-pay-gap-medicine/>

Successful teen pregnancy prevention program threatened by funding cuts, April 20, 2017,
<https://www.statnews.com/2017/04/20/successful-teen-pregnancy-prevention-program-threatened-funding-cuts/>

Michigan's 'stealth move' to increase vaccination rates, April 12, 2017,
<https://www.statnews.com/2017/04/12/michigans-vaccination-rates/>

Crushed by defeat, patients and providers vow to fight on to expand Medicaid in Kansas, April 4, 2017,
<https://www.statnews.com/2017/04/04/kansas-medicaid-expansion-fight/>

Mumps outbreaks are spiking — and raising questions about vaccine effectiveness, March 29, 2017,
<https://www.statnews.com/2017/03/29/mumps-outbreaks/>

Trump budget calls for slashing biomedical and science research funding, March 16, 2017,
<https://www.statnews.com/2017/03/16/trump-budget-science-research/>

Why I Don't Support Open Borders, February 26, 2017,
<https://www.forbes.com/sites/modeledbehavior/2017/02/26/why-i-dont-support-open-borders/#6122d6527b61>

Fatal drug overdoses in US on the rise, CDC says, February 24, 2017,
<https://www.statnews.com/2017/02/24/fatal-overdoses-data/>

Fatal drug overdoses in US on the rise, CDC says, February 24, 2017,
<https://www.statnews.com/2017/02/24/fatal-overdoses-data/>

We are living longer than ever. But are we living better?, February 14, 2017,
<https://www.statnews.com/2017/02/14/living-longer-living-better-aging/>

Vaccine exemptions are on the rise in a number of US states, January 20, 2017,
<https://www.statnews.com/2017/01/20/vaccine-exemptions-states/>

California voters were promised cures. But the state stem cell agency has funded just a trickle of clinical trials, January 19, 2017,
<https://www.statnews.com/2017/01/19/california-stem-cell-agency-cirm/>

In a small town in Texas, a rural hospital thrives against all odds, January 4, 2017,
<https://www.statnews.com/2017/01/04/hospital-rural-childress-texas/>

Humans can only live so long, and we're nearing the limit, researchers say, October 5, 2016,
<https://www.statnews.com/2016/10/05/human-lifespan-limits/>

A North Carolina rural hospital is torn down after efforts to save it fail, December 29, 2016,
<https://www.statnews.com/2016/12/29/rural-hospital-demolition/>

A mayor fights to save a small-town hospital: 'It's life or death', December 21, 2016,
<https://www.statnews.com/2016/12/21/rural-hospital-north-carolina/>

INTERACTIVE: Explore how illegal drugs have become cheaper and more potent over time,
November 16, 2016, <https://www.statnews.com/2016/11/16/illegal-drugs-price-potency/>

Higher, faster, farther: doping at the Summer Olympics, August 16, 2016,
<https://www.statnews.com/2016/08/16/doping-summer-olympics/>

US babies born addicted to opioids has tripled in 15 years, CDC says, August 11, 2016,
<https://www.statnews.com/2016/08/11/babies-opioids-addiction/>

E-cigarettes are used by teens who wouldn't otherwise smoke, study finds, July 11, 2016,
<https://www.statnews.com/2016/07/11/electronic-cigarettes-teenagers/>

Explore: See how fireworks injuries skyrocket on July 4th, July 1, 2016,
<https://www.statnews.com/2016/07/01/fireworks-injuries-visualized/>

Cancer drugs, though cheaper in the developing world, remain unaffordable in poorer
countries, June 6, 2016,
<https://www.statnews.com/2016/06/06/cancer-drug-prices-developing-world/>

Kentucky judge orders release of secret OxyContin records sought by STAT, May 11, 2016,
<https://www.statnews.com/2016/05/11/oxycontin-records-sought-stat-ordered-unsealed-kentucky-judge/>

Interactive: Tracking Zika virus, country by country, March 25, 2016,
<https://www.statnews.com/2016/03/25/zika-globe-interactive/>

Interactive: Explore what's driving surging overdose deaths, March 22, 2016,
<https://www.statnews.com/2016/03/22/overdose-deaths/>

Watch: Study to seek early signs of damage in NFL players' brains, December 22, 2015,
<https://www.statnews.com/2015/12/22/study-nfl-brains-damage-cte/>

Sideline doctors: How the NFL's concussion-spotting system is — and isn't — working,
December 22, 2015, <https://www.statnews.com/2015/12/22/nfl-concussion-spotting-system/>

NFL union urges players to see 'Concussion,' but warns 'it is scary', December 21, 2015, <https://www.statnews.com/2015/12/21/nfl-players-union-concussion/>

Failure to report: A STAT investigation of clinical trials reporting, December 13, 2015, <https://www.statnews.com/2015/12/13/clinical-trials-investigation/>

A gorgeous visualization of 200 years of immigration to the US, October 3, 2015, <https://www.vox.com/2015/3/19/8219765/immigration-chart-history>

200 Years Of U.S. Immigration (And Anger About Immigration), In A Beautiful Visualization, April 4, 2016, <https://www.fastcompany.com/3044539/200-years-of-us-immigration-and-anger-about-immigration-in-a-beautiful-visualiza>

200 Years of U.S. Immigration, in 1 Colorful Infographic, March 25, 2015 , <https://www.citylab.com/equity/2015/03/200-years-of-us-immigration-in-1-colorful-infographic/388571/>

The Last 200 Years Of U.S. Immigration In One Chart, March 23, 2015, <https://io9.gizmodo.com/the-last-200-years-of-u-s-immigration-in-one-chart-1693097476>

Books and book contributions

On Track Advanced. Englisch für die gymnasiale Oberstufe in Bayern (English language textbook for German academic high schools), Bildungshaus Schulbuchverlage, 2018, ISBN: 978-3-14-040220-0

The Best American Infographics 2016, Mariner Books, ISBN-10: 0544556380, ISBN-13: 978-0544556386

Master the New SAT 2016 (Peterson's Sat Prep Guide), Peterson's, ISBN-13: 978-0768939866, ISBN-10: 0768939860

Mergers and Acquisitions and Their Characteristics in the Agro-industrial Complex, Monograph, 2008, RFEI, ISBN: 978-5-903219-13-1

Economies of Scale and Optimal Size of Agricultural Enterprises, Monograph, 2006, RFEI, ISBN: 5-903219-01-2

Selected academic publications

Scientific foundations of economies of scale in production, from classical theories to modern practice, RFEI scientific journal, 2014/1(4), ISSN 2307-1532 УДК 338.43

Why is there no organic production in Russia?, RFEI scientific journal, 2013/1(1), ISSN 2307-1532 УДК 338.43

Role of Exchange Programs in the Knowledge Economy, Proceedings of the International Practices in Higher Education, Science, and Business Conference sponsored by the Fulbright Program, 2011, ISBN 978-5-903219-59-9

Mergers and Acquisitions and Their Characteristics in the Agro-industrial Complex, Monograph, 2008, ISBN 978-5-903219-13-1

Mergers and Acquisitions as Market Mechanisms That Optimize Production Output, Proceedings of the XIV International Lomonosov Conference, Moscow State University, 2007, ISBN 5-7776-0079-4

Selected talks and keynotes

2016 *Envisioning data: a case for a more useful form of government data transparency that emphasizes the importance of accessibility, not just availability*, The 2016 Association of Public Data Users (APDU) Annual Conference (dataviz session leader/moderator and speaker)

2011 *Role of Exchange Programs in the Knowledge Economy*, International Practices in Higher Education, Science, and Business Conference sponsored by the Fulbright Program (Fulbright Conference Grant recipient as an organizer, keynote speaker)

2007 *Mergers and Acquisitions as Market Mechanisms That Optimize Production Output*, XIV International Lomonosov Conference, Moscow State University (research talk)