Tomas Okal

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Positions	**NORC at the University of Chicago**	**July 2018 - Present**
	Research Analyst	
	School of Public and International Affairs	**August 2017 - May 2018**
	Research Assistant	
Education	**University of Georgia**, School of Public and International Affairs	
	Master of Arts, Political Science and International Relations	
	May, 2018	GPA: 3.90/4.00
	University of Georgia, School of Public and International Affairs	
	Bachelor of Arts, Political Science and International Relations	
	December, 2015	GPA: 3.91/4.00
	University of Georgia, Franklin College of Arts and Sciences	
	Bachelor of Arts, Spanish	
	December, 2015	GPA: 3.91/4.00

Skills and competences

Statistics (e.g. Hypotheses Testing, Frequentist Statistics, Bayesian Inference, Jackknife and Bootstrap Sampling), **Methodology** (e.g. Time-Series Analysis, Structural Equation Modeling, Causal Inference, Forecasting, Monte-Carlo Simulations, etc.), **Linear modeling** (e.g. Linear Regression Analysis, Logistic regression, Hierarchical Linear Models, Generalized Linear Modeling), **Survey Analysis** (e.g. Sampling, Weighting, Small-Area Estimation), **Machine Learning** (e.g. Decision Trees, Support Vector Machines)

Programming

Statistical Programs : R, R-Shiny, Python, Pandas, Julia, STATA, SAS, SPSS
Tools/Workflow : SQL, Git, Github, Microsoft Office, LaTeX

Software

{rtist} CRAN R package to generate color palettes from famous artists and paintings.
Main author

{Banner Table Software} Internal R package to generate unweighted frequencies, weighted frequencies, and significance testing of panel data in cross-tabulation table format. Example provided here.
Co-author

{topliner} Internal R package to generate weighted topline findings of panel data. Example provided here.
Co-author

{phackr} R package to loop through regression testing of demographics in survey data.
Co-author with William Bonnell

Awards and Honors

Team Recognition Award: NORC - 2019
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NORC Venture Fund: Automating Crosstabulation and Testing Reports ($13,229) - 2019
NORC Venture Fund: Automating Topline Reports ($11,397) - 2019
Team Recognition Award: NORC - 2018

Presentations	**2020**

Roselyn Miller, Dan Malato, **Tomas Okal**, William Bonnell, Jennifer Titus, Jennifer Benz. *Balancing Caregiving and Work in the 21st Century* (AAPOR 2020)

Tomas Okal, William Bonnell. *Evaluating the Impact of Scaled Design Weights in Multilevel Models with Complex Political Survey Data* (MPSA 2020 - Cancelled)

Tomas Okal. *Using Big Data in R with data.table* (R Work and Discussion Group at NORC 2020)

2019

Tomas Okal, David Sterrett. *How the Urban/Rural Political Divide Plays Out in America's Suburbs* (MAPOR 2019)

Neil Williams, **Tomas Okal**. *Mobilizing the Poor: The Conditional Impacts of Clientelism and Electoral Competitions on Turnout* (MAPOR 2019)

Daniel Malato, David Sterrett, Jennifer Benz, William Bonnell, **Tomas Okal**, Trevor Tompson. *The Economy, Trade, and Voting: Using AP VoteCast Data to Demonstrate the Effect of Local Conditions on Americans' Attitudes and Vote Choice* (AAPOR 2019)

Tomas Okal. *Fantastical Picks and When to Trade Them* (satRday Chicago 2019)

2017

Tomas Okal. *Electoral Competition and the Prevalence of Clientelism* (SELAB 2017)

Issue Briefs	Dmitri Koustas, David Sterrett, Jennifer Benz, Emily Swanson, Hannah Fingerhut, **Tomas Okal**. *Pandemic Disrupts Demand for Gig Economy Amidst Safety Concerns*

Katherine Baicker, Amitabh Chandra, David Sterrett, Jennifer Benz, Emily Swanson, Hannah Fingerhut, **Tomas Okal**. *In the Midst of the Coronavirus Outbreak, Concerns about the Health Care System Remain*

Tomas Okal, Dan Malato, Mariana Meza Hernandez, Emily Alvarez, Jennifer Benz, Emily Swanson, Hannah Fingerhut. *Young American's Views on the Value of Higher Education*

Marjorie Connelly, Emily Alvarez, **Tomas Okal**, Anthony Soergel, Jennifer Benz, Emily Swanson, Hannah Fingerhut. *Age Diversity in the Workplace*

William Howell, David Sterrett, **Tomas Okal**, Jennifer Benz, Emily Swanson, Hannah Fingerhut. *The Link between Government Performance and Attitudes toward the U.S. Democratic System*

Christopher Berry, David Sterrett, **Tomas Okal**, Jennifer Benz, Emily Swanson, Hannah Fingerhut. *How the Urban/Rural Political Divide Plays out in America's Suburbs*

Marjorie Connelly, William Bonnell, Caroline Smith, **Tomas Okal**, Mariana Mesa Hernandez, Emily Swanson, Hannah Fingerhut. *2019: The Public's Priorities and Expectations*

Anthony Fowler, David Sterrett, **Tomas Okal**, Jennifer Benz, Emily Swanson, Hannah Fingerhut. *Concerns about the Vulnerability of the Election System are Widespread ahead of the 2018 Midterms*

Papers   **Tomas Okal**. *A Cross-Sectional Time-Series Comparison of the Impact of Development Assistance on Environmental Outcomes* (Master's Thesis)