

Coly L. Elhai

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EDUCATION	Williams College 2015-2019 <i>Bachelor of Arts in Economics and Mathematics</i> Phi Beta Kappa, magna cum laude Maggie Walker Governor's School for Government and International Studies 2011-2015
RESEARCH EXPERIENCE	Research Assistant to Owen Zidar , Princeton Program in Public Finance 2019-present <ul style="list-style-type: none">Analyzed capital gains taxes and realizations for "The Tax Elasticity of Capital Gains and Revenue-Maximizing Rates" (Agersnap and Zidar, working paper 2020)Simulated revenues under different wealth tax regimes for "Top Wealth in America: New Estimates and Implications for Taxing the Rich" (Smith, Zidar, and Zwick, working paper 2020)Analyzed migration flows and social safety net generosity for an ongoing project with Pablo Fajgelbaum, Eduardo Morales, Francesco Ruggieri, and Owen ZidarDeveloped a labor market model and collected administrative data for an ongoing project with Amy Finkelstein, Owen Zidar, and Eric Zwick on health care costs Thesis Writer , Williams College Economics Department 2018-2019 Supervised by Tara Watson <ul style="list-style-type: none">Conducted independent research on New Jersey's 2017 criminal justice reform, including analysis of the impacts of introducing an algorithm to replace cash bailPresented this work at the Women in Economics Research conference at Williams CollegeEarned honors in economics for a written thesis and presentation made to professors in the department Research Fellow , Voting Rights Data Institute Summer 2018 Supervised by Moon Duchin (Tufts) and Justin Solomon (MIT) <ul style="list-style-type: none">Worked collaboratively with professors and other students to create analytical tools to promote fair districtingBuilt two apps in RShiny for ecological inference analysisUsed state election and voter data to create a model of partisan gerrymandering in Alaska Sentinels Fellow , Center for Learning in Action at Williams College Summer 2018 Supervised by Tara Watson <ul style="list-style-type: none">Received award to conduct independent research into regional food insecurity and SNAP participationCleaned and analyzed data from the state Department of Transitional Assistance and Berkshire Food ProjectProduced a report on the food access landscape of Berkshire County Research Assistant , Treasury Department Office of Economic Policy Summer 2017 Supervised by Jason Brown, Tiffany Chou, Ted Figinski, Anne Hall, Erin Troland, et al. <ul style="list-style-type: none">Contributed to a briefing on child care costs and the impact of regulationCreated a model demonstrating the effect of proposed changes to repayment plans for federal student loansRegularly reported on consumer debt, household assets, and other economic indicators
SKILLS	Programming Proficient in Stata, R, Python, \LaTeX , and Excel. Working experience with Git, Java, and SQL. Some experience with QGIS and Matlab. Natural languages English (<i>native</i>), French (<i>intermediate</i>), Mandarin Chinese (<i>intermediate</i>)

SERVICE AND LEADERSHIP	Co-author, RA Guide (https://raguide.github.io/) 2020 <ul style="list-style-type: none"> Coordinated a team of four current and past research assistants to write a guide for prospective and current RAs in economics Incorporated feedback from over 40 economists before releasing the guide online
	TA and Tutor, Williams College 2016-2019 <ul style="list-style-type: none"> Ran TA sessions and graded problem sets for classes on discrete mathematics and price and allocation theory Aided students with problem sets and review for classes including introductory computer science, statistics, and introductory micro- and macroeconomics
	Board Member, Representing the Identities of Students in Economics (RISE) 2017-2019 <ul style="list-style-type: none"> Helped found a club for the promotion of underrepresented groups in the economics major and field Responsible for outreach to other clubs and student government, as well as building relationships with economics faculty
AWARDS	Goldberg Prize 2019 Award made to the student in the Williams College Mathematics senior class who presented the best colloquium. Won for a presentation on outlier analysis, Markov chains, and their applications to redistricting reform.
	Gaudino Fellowship 2018 Fellowship given to students to pursue independent projects involving engaging with personal beliefs and self-reflection. Received to conduct a month-long study examining religious tolerance, plurality, and beliefs in Taiwan.
	Class of 1960s Scholar 2018-2019 Selected to participate in a series of research seminars given by scholars visiting Williams College.
	Kershaw Internship Award 2017 Granted funding to pursue an internship in public policy.
	1st place, UNHack the Vote 2017 Member of the winning team in a hackathon focused on gerrymandering.