Beccan Gruenberg

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Education & Accomplishments

Dual BA between Columbia University and Trinity College Dublin

Columbia University, BA in Neuroscience and Behavior, Statistics — Aug 2022 – May 2026

- GPA: 3.8/4.0
- Dean's List (all semesters), GS Honor Society, Senior Marshall, University Service and Leadership Award

Trinity College Dublin, BA (Mod) in Biological and Biomedical Sciences: Neuroscience — Aug 2022 – May 2026

- GPA: First Class Honours (75%)
- Gold Medal (Highest undergraduate academic award issued by TCD; awarded for exceptional academic merit)

Eagle Scout — March 2020

- Developed leadership, project management, and mentorship skills. Engaged in extensive community service
- Project selected for consideration for district and national awards

Experience

The Loughran Group, Associate Analyst — July 2026 – Present

- **Technology Used**: Excel, Word
- Developed and produced a variety of materials in support of the communications and outreach team for the City and County of Denver's $950 million Vibrant Denver Bond
- Generated, coordinated, and edited monthly program-wide newsletters for Denver residents and other stakeholders
- Revamped and optimized standard operating procedures and review and approval processes in pursuit of more efficient and streamlined time, labor, and resource utilization

Axtria, Decision Science & Market Access Intern — June 2025 – July 2025

- **Technology Used**: Power BI, Excel, PowerPoint, Python, Azure Open AI API, VS Code, Various Python Libraries
- Developed and produced proprietary business models to project pharmaceutical business impact from recent regulatory and policy changes resulting in more accurate strategic decision-making
- Created analytics and Gen AI tools associated with Section 340B policy, litigation, and data
- Deemed group Medicaid SME, included collaborating on modeling strategies to minimize impact of OBBBA cuts and extensive health policy changes
- Critical resource on pitch team to top 5 pharmaceutical firm including developing novel demos and pitch deck
- Acknowledged by program and company leadership for exceptional performance

Colorado Governor's Office, Health and Science Policy Intern — May 2024 – Aug 2024

- **Technology Used**: Excel, PowerPoint, R Studio, Various Governmental Data Systems
- Worked with senior staff from across the Polis Administration to develop systems and solutions managing the Medicaid unwind, TBIs in veterans, and coordinating resources statewide to support response to historic wildfires
- Developed extensive expertise and knowledge of Medicaid including forecasting, fiscal implications, eligibility guidelines, and other key Medicaid factors
- Engaged stakeholders from the private sector, academia, and agencies from the White House to county commissioners in furtherance of good governance and health equity end goals
- Completed a project standing up a first-in-the-nation program supporting veterans with TBIs in obtaining federal entitlements and completing the discharge upgrade process

The Gillan Lab/Global Brain Health Institute, Study Coordinator & Research Assistant — May 2023 – May 2024

- **Technology Used**: Excel, R, R Studio, Python, Jupyter Notebook, SQL, Qualtrics, Databricks
- Conducted advanced research in precision psychiatry, customizing therapies across a range of psychological disorders
- Developed predictive models for behavioral risks, including addiction and extremist tendencies, using big-data methods
- Managed protocols for longitudinal studies on MDD, OCD, dementia, anxiety, and meta-cognition
- Oversaw compliance, adverse event reporting, data protection, and ethics updates
- Analyzed and visualized large-scale datasets in R and Python
- Worked within the Global Brain Health Institute (TCD–UCSF) on dementia research and global brain health equity

Defense Threat Reduction Agency, Student Researcher — June 2021 – July 2021

- Worked with civilian and military personnel around the world to model complex behaviors of bioweapons and pathogens (including COVID-19).
- Developed large and complex Excel and R models used in the contingency planning for CBRN attacks and natural pathogens, liaised with computational team to inform ML models constructed.

Extracurriculars

Columbia University **Joint Committee on Instruction**, Student Member

- Selected as 1 of only 4 undergraduate student representatives to the Joint Committee on Instruction, the governing body that oversees all courses, majors, and academic policies shaping the undergraduate curriculum
- Exercise judgment and discretion in reviewing and approving new programs, curriculum changes, and academic policy proposals alongside faculty, deans, and senior administrators
- Appointed to serve on the **Liberal Arts and Professional Studies Working Group** subcommittee - charged with issuing recommendations on the future of the liberal arts and Columbia undergraduate education

Columbia University **Student Group Accountability Review Board**, Voting Member

- Reviewed and adjudicated student group conduct cases as the board of last appeal; maintained confidentiality and impartiality in high profile, sensitive, and complex conditions
- Selected as one of three students by the Associate Vice President for University Life to serve

Columbia University **MGC Expansion Committee**, Voting Member

- Appointed to the MGC Expansion Committee, exercising decision-making authority in reviewing and approving new student organization applications.
- Applied sound judgment and careful evaluation to ensure proposals met standards of feasibility, sustainability, and compliance with university policies

Columbia University Science Journal, Editor

- Reviewed, selected, and defended submitted articles to editorial board for inclusion in annual publication; edited articles for clarity and accuracy (cusj.columbia.edu)

Phi Gamma Delta (FIJI), Intergreek Council and Interfraternity Council President

- President of the Intergreek Council (greek life self-governing body) and Interfraternity Council

Columbia Men's Rugby, 8 Man/Flanker/Flex Forward

- 8+ trainings and a match a week during fall and spring seasons

Trinity Heavyweight Rowing, Rower

- Balanced 11+ trainings, upwards of 25 hours a week

Trinity Student Managed Fund, Senior Macroeconomic Analyst-at-large

- Previously was Healthcare and Pharmaceuticals Analyst; runners-up in Davy Group Stock Pitching Competition with Intuitive Surgical