

# Michael Borsellino

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1.609.941.4326

## EDUCATION

### **Rutgers University**

*Master of City and Regional Planning*

**New Brunswick, NJ**

*Anticipated Class of 2017*

- Cumulative GPA: 4.0/4.0
- Courses: Discrete Choice Methods, Python for GIS, Topics in GIS, Cost-Benefit Analysis, Community Economic Development
- Bloustein Excellence Award, 2015-2017

### **Rutgers University**

*Bachelor of Arts in Geography, Minor in Economics*

**New Brunswick, NJ**

*Class of 2015*

- Major GPA: 4.0/4.0; Cumulative GPA: 3.6/4.0; GRE: 163Q/163V
- Courses: Spatial Data Analysis, Intermediate Macro- and Micro-Economic Analysis, Geographic Information Systems, Linear Algebra, Physics 4, Calculus 3, Financial Accounting, Research Methods
- Gamma Theta Upsilon Honor Society

## WORK EXPERIENCE

### **Rutgers University – Department of Geography**

*GIS Research Analyst*

**Piscataway, NJ**

*May 2015-Present*

- Funded by the Department of Interior's Bureau of Ocean Energy Management and the Virginia Department of Mines, Minerals, and Energy
  - Processed and analyzed 2.5 million fishing trip data points
  - Assessed the socioeconomic impacts of building a commercial wind farm in federal waters off the coast of Virginia Beach, VA
  - Built a website to display non-proprietary results of analysis (<http://arcg.is/1fDP5I4>)
- Funded by the Department of Commerce's National Oceanic and Atmospheric Administration
  - Modeled environmental correlations with disease occurrence in Atlantic Sea Scallop populations
  - Served as an advisor to a team of researchers at University of Massachusetts Dartmouth's School for Marine Science and Technology

### **Rutgers University – Department of Business and Auxiliary Services**

*Senior Student Property Assistant*

**Piscataway, NJ**

*May 2014-Present*

- Supervise a staff of 14 students in:
  - Registration and maintenance of 200 University fleet vehicles
  - Fulfill all property related needs of the Police and Emergency Services departments
- Procurement of over 50 new vehicles and several hundred uniforms
- Oversaw invoicing, billing, and recruitment of various vendors for parts and/or services
- Designed Excel workbook to manage vehicle inventory and auto-generate repair forms
- Reduced student staff by 50% concurrent with 40% increase in staff's monthly billable hours

## LEADERSHIP EXPERIENCE

### **Rutgers University Ultimate Frisbee**

*Captain*

**Piscataway, NJ**

*September 2013-Present*

- Design and lead workouts in lieu of coaching staff with focus on long-term player development
- Initiate new member recruitment strategies; increased player retention 300% in first year

### **Rutgers University Pilot Me Mentoring and Tutoring**

*Treasurer*

**New Brunswick, NJ**

*September 2013-May 2015*

- Managed \$1500 budget and financial relationship with the Rutgers University Accounting Office
- Organized field trips and planned reading and writing exercises for 25 tutors and 30 children

## COMPUTER SKILLS

Advanced Proficiency: ArcGIS, ArcGIS PRO, Idrisi, Microsoft Windows and Office Suite, and QGIS  
Proficiency: Python (ArcPy, matplotlib, pandas, patsy, StatsModels) and Stata  
Basic Proficiency: R, SQL, AutoCAD, and Adobe Illustrator and Photoshop