

# RADHE PATEL

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## EDUCATION

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### **Columbia University, School of Engineering & Applied Science**

**New York, NY**

- **Study:** BS in Chemical Engineering | Minor in Political Science | GPA 3.6 / 4.0
- **Honors:** Dean's List | Columbia Bruce Lister Scholar | 2014 American Chemical Society SCI Scholar
- **Semester Abroad:** Imperial College London Chemical Engineering Exchange | Spring 2013

May 2015

## EXPERIENCE

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### **NYC Office of the Mayor**

**New York, NY**

*Policy Analyst, Deputy Mayor for Health and Human Services*

May 2016 - Current

- Co-manage \$2 billion transformation of NYC's public hospital system; develop phased plan to consolidate inpatient services, and plan supplementary redeployment of the clinical inpatient workforce
- Increased hospitals' financial solvency by organizing US cities to delay cuts of congressional subsidies
- Created multi-agency taskforce to develop model integrating social services in clinics; now implementing

### **NYC Department of Education**

**New York, NY**

*Urban Fellow- Office of the Deputy Chancellor, Division of Operations*

Sept 2015-May 2016

- Arranged transportation to school for homeless students in temporary housing in response to local advocates
- Expanded 'Breakfast in the Classroom' to elementary schools; developed rigorous evaluation to assess success
- Created outreach and press plan with Division of Community Engagement for new policy launches
- Developed 5-year strategic for Division of School Facilities to close budget gap and improve ADA compliance

### **Department of State: Office of International Health & Biodefense**

**Virtual**

*Research Assistant, Virtual Foreign Service Program*

Sept 2014-May 2015

- Reviewed literature evaluating respiratory, mental health, and other public health effects of climate change mitigation technology; traveled to Washington, DC quarterly to present resulting recommendations

### **Office of Congressman Ami Bera, US House of Representatives**

**Washington, DC**

*Washington Leadership Program Fellow*

June 2015-Aug 2015

- Conducted legislative research to inform recommendations around healthcare bills and environmental bills
- Wrote press releases for communications director to generate local coverage in the Congressman's district

### **Honeywell- United Oil Products (UOP)**

**Des Plaines, IL**

*Engineering Intern, Olefins and Detergents Center*

May 2014-Aug 2014

- Collaborated with engineering staff to draft heat exchanger designs and verify fluid- flow calculations
- Evaluated feasibility of technology proposals to recycle reactor waste; made recommendations to engineers

### **NSF Public Health Field School**

**Costa Rica**

*Field Research Fellow*

June 2013-Aug 2013

- Executed field-based study on effect of increased tourism on community institutions, and public health
- Conducted focus groups in Spanish, surveys, and statistical analysis of environmental and health datasets
- Recommended and began implementation of keyhole gardens to address food insecurity identified in study

## ACTIVITIES

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### **Co-founder | Rikers Island Debate Initiative**

**July 2016-Current**

- Teach debate class at jail facilities; lead curriculum development, fundraising, and legislative advocacy teams

### **New York State Representative | South Asians for Hillary (SAHILL)**

**July 2016-Nov 2016**

- Planned fundraisers, phone banking, and canvassing events; served on national South Asian planning team

### **Class Representative | Columbia Engineering Student Council**

**Jan 2014-Dec 2014**

- Negotiated with administration to reform sexual assault policy and mental health leave of absence policy
- As 2-year Residential Adviser (RA), planned and led Council 'town halls' in residential housing areas

### **Regional Representative, Columbia Treasurer | Engineers Without Borders**

**Sept 2011-May 2015**

- Advised New York and New Jersey chapters on designing development projects and managing field operations
- Managed \$50,000 Columbia chapter budget across six accounts, for three projects separate countries
- Trained and led 'Ghana team' in the field through latrine installation, community engagement, and evaluation

### **Varsity Member | Columbia Parliamentary Debate Team**

**Sept 2011-May 2015**

- Wrote policy, technology and philosophy cases for tournaments; competed regularly and while abroad
- Created crossover program with Model United Nations team; competed as a delegate at MUN conferences