

Jason S. Adams

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Education and Training:

Georgia Institute of Technology – Atlanta, GA 30332

- **Degree:** Bachelor of Science in Chemical and Biomolecular Engineering (December 2015)
- **GPA:** 3.9/4.0
- Graduated with Highest Honors (*summa cum laude*)

Enrolled at University of Illinois Urbana-Champaign – Champaign, IL 61820

- **Degree:** Doctorate of Philosophy in Chemical and Biomolecular Engineering
- **GPA:** 3.8/4.0

Publications:

1. Adams, J., Bighane N., Koros, W. “Pore morphology and temperature dependence of gas transport properties of silica membranes derived from oxidative thermolysis of polydimethylsiloxane,” *J. Mem. Sci.* 524 (2017) 585-595
2. Adams, J., Itta, A., Zhang, C., Wenz, G., Rungta M., Koros, W. “Chemical relationships of carbon molecular sieves derived from 6FDA:BPDA-DAM at varying pyrolysis temperatures” *Carbon*, In Preparation
3. Runga M., Wenz, G., Xu, L., Qiu, W., Adams, J., Koros, W. “Carbon molecular sieve structure development and membrane performance relationships” *Carbon*. 115 (2017) 237-248

Professional Experience:

- **Graduate Research Assistant** at the University of Illinois Urbana-Champaign (August 2016 – Present)
- **Undergraduate Research Assistant** at the Georgia Institute of Technology (January 2014 – August 2016)
- **Undergraduate Teaching Assistant** at the Georgia Institute of Technology (May 2015 – July 2015, January 2016 – May 2016)

Accomplishments:

- 1st place winner of the Georgia Tech Capstone Senior Design Project of Summer 2015
- 1st place winner of CHBE 2100 Carbon Dioxide Capture Case Study
- Graduated with Highest Honors from Georgia Tech

Affiliations:

- American Institute of Chemical Engineers (AIChE) - Member
- Tau Beta Pi National Engineering Honors Society (TBP) - Member
- Gamma Beta Phi Honor Society (GBP) - Member