

Rhys Carpenter
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EDUCATION

Bryn Mawr College, Bryn Mawr, PA A.B. Candidate, May 2016

Major: Chemistry, *Concentration:* Biochemistry

Relevant Coursework: Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Biological Chemistry, Research Methodologies, Multivariable Calculus

Laboratory Skills: NMR, IR, Mass Spectroscopy, UV/VIS Spectrophotometry, GC, TLC, Simple and Fractional Distillation, MP and BP Determination, Reflux, HPLC, Flash Chromatography, Recrystallization, DNA extraction, PCR, Gel Electrophoresis

CHEMISTRY RELATED EXPERIENCE

Undergraduate Researcher, **Bryn Mawr College** Summer 2014

- Researched with Dr. Taylor Hall to study palladium-catalyzed synthesis of carbon-carbon molecules for pharmaceutical applications.
- Project funded by the National Science Foundation.

Laboratory Assistant, **Bryn Mawr College** Sept. 2013 - Present

- Provide assistance to undergraduate students with basic principles, lab safety procedures, and lab techniques during weekly General Chemistry labs.
- Hold 2-3 tutorial sessions per week to help prepare students for exams.

Chemistry Tutor, **Bryn Mawr College** Jan. 2013 - Present

- Provide academic support to 2-4 students per semester in general and organic chemistry via weekly one-on-one sessions.

ADDITIONAL EXPERIENCE

Extern, **PARKSCI Institute of Health**, Wynnewood, PA Spring 2012

- Shadowed Dr. Park Science, a family practice physician. Observed a variety of diagnoses and procedures such as strep and flu tests, dementia tests, and cryosurgery.

Auxiliary Volunteer, **M. Carey Thomas Hospital**, Ardmore, PA Jan. 2012 - Present

- Greeted visitors, provided wheelchair transport for patients, assisted patient discharges and administrative tasks, maintained patient refrigerator and snack supplies.

COLLEGE ACTIVITIES

President, **The Cambrian Row Club** Sept. 2012 - June 2013

Treasurer, **Lantern Acapella Group** Feb. 2012 - Present

SKILLS

Language: Bilingual proficiency in English and Spanish

Computer: PC and Mac, Microsoft Office, Mathematica