**INSTRUCTIONS:**

1. The title should be all capitalized, in bold and indented 0.75 in. There should be a period after the title. It should be followed (not in bold or all capitals), without a return, by the authors' names and affiliations. The presenter's name should be underlined, followed by other contributors’ names. The name of the school should follow with the address. If contributors are from different institutions, use superscripted numbers to indicate this.
2. Skip a line. The body of the abstract should be 12 point Times New Roman font and single spaced.
3. **The Abstract text is limited to 250 words.**
4. **Email the abstract to:** [acs.urs2024@gmail.com](mailto:acs.urs2024@gmail.com)

**Sample Abstract:**

**CHARACTERIZATION OF NEW MIXED LIGAND RHODIUM(III) COMPLEXES.** Jean Schmidt, Kevin Lee and Elise G. Megehee Department of Chemistry, St. John's University, Queens, NY 11439

Known rhodium(III) polypyridyl complexes exhibit absorption of ultraviolet to visible light and emission of visible to near infrared light. The few known examples of mixed ligand complexes were synthesized in very low yields by a wide variety of methods. We have developed a general high yield synthetic strategy for synthesizing mixed ligand β-polypyridyl complexes of rhodium (III). To date we have synthesized fourteen rhodium complexes of the form [Rh(bpy)2(NN)] (PF6)3 (where bpy = 2,2'-bipyridine, NN = 2,2'-bipyrdine, 1,10-phenanthroline and their derivatives) using cis-[Rh(bpy)2(OTf)2](OTf) as the starting material. We have studied these compounds by 1H-NMR, 13C-NMR, UV/Vis, and cyclic voltammetry. Synthesis and characterization will be discussed.