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CAROLINE Murphy

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| Education | | |
|  | 2015-2017 Missouri University of Science and Technology Rolla, MO  Masters of Science – Mechanical Engineering, May 2017  GPA: 4.0/4.0  2011-2015 Missouri University of Science and Technology Rolla, MO  Bachelors of Science – Ceramic Engineering with minors in Biological Sciences and History, May 2015  GPA: 3.65/4.0 | |
| Work experience | | |
|  | July 2016 – current, July 2015 – December 2015 Rolla, MO  Graduate Research Assistant  Develop printing process for cellularized 3D printing  Grow and passage mesenchymal stem cells  Image cells (fluorescent and brightfield microscopy)  January 2016 – May 2016 Rolla, MO  Graduate Teaching Assistant, Mechanical Engineering Senior Design  Assist students with concept design and prototyping  Grade reports and presentations  Summer 2014 Kennametal Rogers, AR  Intern  Classify new WC powders according to current company standards  Prepare and test samples  Summer 2013 Vesuvius Pittsburgh, PA  Intern  Prepare and image SEM samples  Study glaze melting  Study properties of common refractories  January – May 2013 Missouri University of Science and Technology Rolla, MO  Research Assistant  Tape Casting polymers with bioactive glass additives  Batch and melt glass  Make glass fibers and scaffolds | |
| Skills | | |
| Microsoft Office  NX 9.0 and Solidworks  Matlab  SAS | |