

## Intersections: SOURCE Presentation Award Winners December, 2020

### Engineering

- 1<sup>st</sup> Alex Hurwitz, Kenneth Meyer, Christopher Schult, Hope Yashnik.  
*Patient Hand Hygiene System*. Faculty Mentors: Colin Drummond and Matthew Williams, Biomedical Engineering Department.
- 2<sup>nd</sup> (tie) Wangbo Chen, Benjamin Durning, Luna Al Lababidi, Tiger Fan, Francesca McDonald. *Creating a Medical Wearable for Monitoring Vitals During Syncope Episodes to Allow for a Warning System and Collection of Data for Diagnostic Purposes*. Faculty Mentors: Colin Drummond and Matthew Williams, Biomedical Engineering Department.
- 2<sup>nd</sup> (tie) Ya Gao, Lindsey Greenwood, Rachel Mann, Yilin He.  
*Peripheral Venous Catheter Port Sanitization*. Faculty Mentors: Colin Drummond and Matthew Williams, Biomedical Engineering Department.

### Life Sciences

- 1<sup>st</sup> Caroline Theile, *Genomic characterization of glioblastoma tumors in AYA and adult patient populations*. Faculty Mentor: Nicole Crown, Biology Department.
- 2<sup>nd</sup> Tanvi Patel, *The Impact of Trikafta (R) on Gastrointestinal and Hepatic Function in Cystic Fibrosis Patients*. Faculty Mentor: Kimberly McBennett, Biology Department.

### Physical Science

- 1<sup>st</sup> Shawn Yoshida, *Characterizing the simulated anomalous diffusion of proteins in relation to the nanoporous structure of extracellular matrix-relevant hydrogels*. Faculty Mentor: Lydia Kisley, Physics Department.
- 2<sup>nd</sup> Hannah Messenger, *Statistical Modeling of Single Molecule Corrosion Imaging*. Faculty Mentor: Lydia Kisley, Physics Department.

### Social Sciences

- 1<sup>st</sup> (tie) Isabella Beninate, *Condensed Bilingual Input Output Survey for Increased Clinical Efficiency*. Faculty Mentor: Lauren Calandruccio, Psychological Sciences Department.
- 1<sup>st</sup> (tie) Zain Khawaja, Jad Daw. *Examining the Effect of Median Income on Healthcare Quality and Patient Safety Using AHRQ's Patient Safety Indicators (PSIs) for Patients in New York City* Faculty Mentor: Jenny Hawkins, Economics Department.
- 2<sup>nd</sup> Claire Jeffress, *Orchestral Diversity: Analyzing Diversity in Music Conservatories*. Faculty Mentor: Jenny Hawkins, Economics Department.