

# Table of Contents

<b>Letter from the Editors</b>	6
<b>Artist Statement</b>	7
<b>A Race and Power Perspective on Police Brutality in America</b> Jeanelle Angus & Vaughn Crichlow	8
<b>A Mathematical Model Based on IC50 Curves To Predict Tumor Responses to Drugs</b> Catherine I. Berrouet, Jacob Nadulek, Emmanuel Fleurantin, Sunil Giri, Katarzyna A. Rejniak, & Necibe Tuncer	18
<b>Simultaneous Disintegration: Inseparability of Form and Content in W.B. Yeats’s “The Gyres”</b> Nic Haylett & Yasmine Shamma	33
<b>An Analysis of Women’s Leadership Styles: How They Shape Subordinate Perceptions of Female Leaders</b> Celina Kreidy & Laura Vernon	38
<b>The Effects of Racial and Ethnic Differences or Similarities on the Therapeutic Alliance</b> Rafael O. Leite & Paul Peluso	46
<b>A Mathematical Model to Predict Tumor Responses to Cancer Drugs Based on Dose Response Curves in the Continuous Case</b> Elizabeth Manzano, Taindra Neupane, Mukunda Pudasaini, Eric Terpstra & Necibe Tuncer	56
<b>Asian, American, and Queer</b> Kingsly McConnell & Kenneth Holloway	70
<b>Time Off is Needed: An Argument in Favor of Paid Maternal Leave in the United States</b> Nicole McRostie & Laura Vernon	80
<b>A Discussion on Synesthesia</b> Dakota Merchant & Sang Hong	93
<b>Mathematical Models for MC and MTD Chemotherapy</b> Dakota Merchant, Bianca Bratkon, Mesgana, Hawando, Brian Labarre, Jared Miller & Necibe Tuncer	103
<b>The Debilitating Effects of Discrimination: A Case Study on Disability in the Workplace</b> Jeffrey Stuart & Wendy Hinshaw	118
<b>Contributing Author Biographies</b>	125