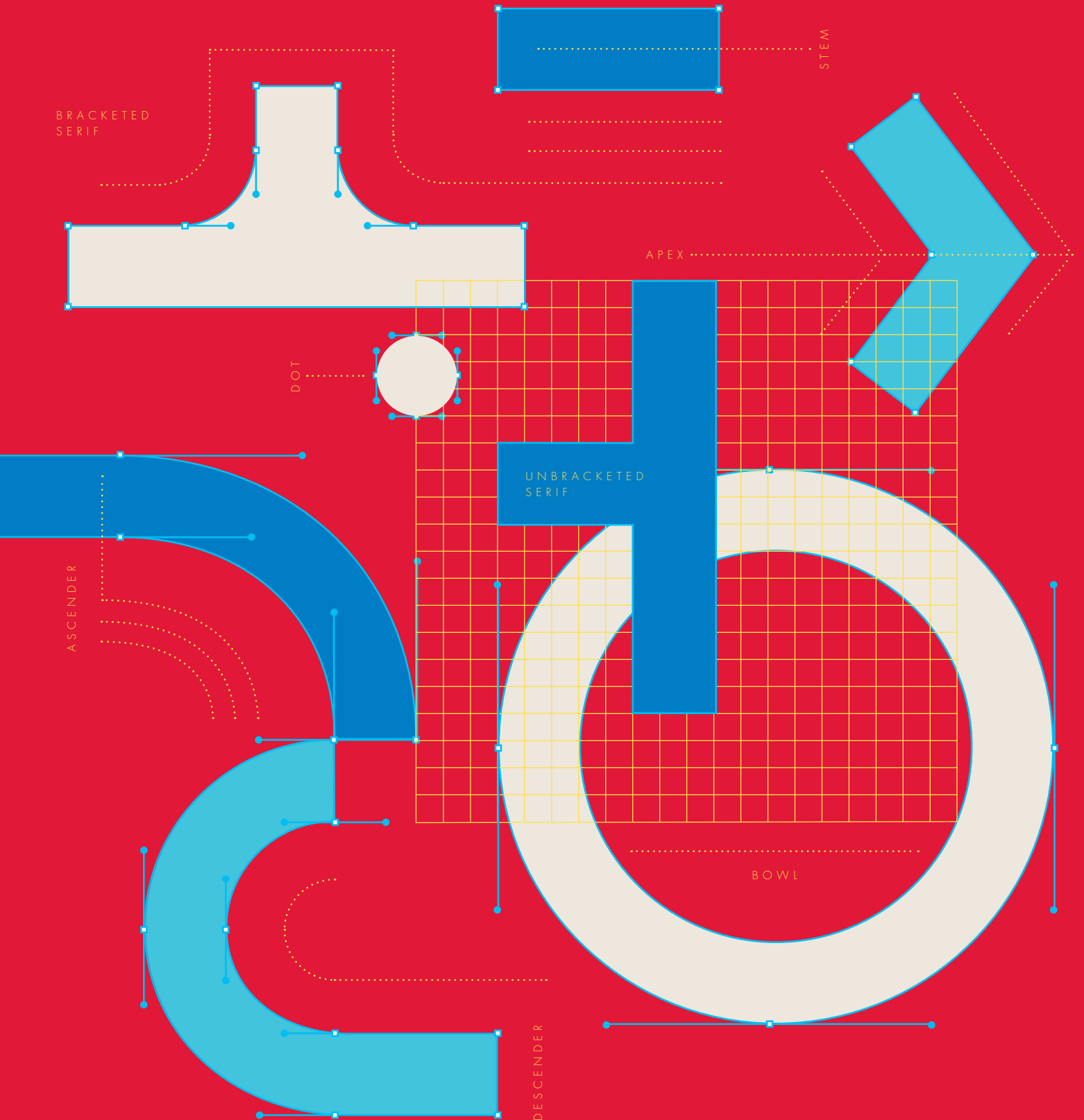


• *The University of Kansas*
journal OF UNDERGRADUATE RESEARCH
Summer 2014 – Spring 2015



The Journal of Undergraduate Research is an annual publication by the Center for Undergraduate Research that features the scholarship of undergraduates at the University of Kansas.

COVER

Claire Zimmerman, Senior in Visual Communication Design

Mentor: Andrea Herstowski, Associate Professor of Design

See page 34 to learn about Claire's project designing a typeface representing the characteristics of Trier, Germany.

Contents

UNDERGRADUATE RESEARCH

- On the Translation of Fear: A Study of Ecuadorian Kichwa Speakers and the US Immigration System** 1
Gustin Bova
- “Wi Snackt Wedder Platt!” Bringing Low German back to Bremen and Lower Saxony through the *Charter for Regional or Minority Languages*** 14
Sara Sofia Anderson
- Estimating Fluid Local Velocity within a Novel 3D Collagen Matrix Perfusion System** 25
Ana M. Villanueva
- Type in Trier: The Relationship between Letters and the Oldest City in Germany** 34
A. Claire Zimmerman
- “I Don’t Want to Grow Old and Weak Like You!”: Conceptions of Idealized Masculinity in Pre- and Post- Revolutionary Iranian Cinema** 40
Benjamin Ale-Ebrahim
- Better Adherence, Better Outcome: Differences in Depressed Participants’ Adherence to Elements of the Therapeutic Lifestyle Change Protocol** 52
Carina Fowler
- Chinese export porcelain and global spaces of imagination** 56
Julia Reynolds
- “Strong Female Characters” An Analytical Look at Representation in Moffat-Era *Doctor Who*** 64
Nichole Flynn