



2018 Annual Conference
April 5 - 7 • Norfolk, Virginia

Poster Competition

**UNDERGRADUATE STUDENT
WINNERS**



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Third Place Winner

Agent-Based Modeling of Phage-Assisted Continuous Evolution (PACE)

Dylan Maghini, Laurie Heyer, A. Malcolm
Campbell, Davidson College



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Second Place Winner

***Synthesizing Microcarriers as a Platform
for the Pharmaceutical Delivery of
Quercetin for Antiviral Applications***

Taylor Eggertsen, Arther Hart, William
Johnson, Dr. David Britt,

Dr. Elizabeth Vargis, Utah State University



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**KSBB Outstanding Poster
First Place Winner**



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Characterization of Purple Non-Sulfur Bacteria for Application in Wastewater Treatment

Andrew Walters, Anna Doloman, Ron Sims,
and Charles Miller, Utah State University



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Third Place Winner

Controlled Delivery of a Therapeutic Glycosaminoglycan for Amelioration of Radiation-Induced Proctitis-Associated Pain

Mark Martin, Wanjian Jai, Kyle J. Isaacson,
Austin Schults, Joseph Cappello, Glenn D.
Prestwich, Siam Oottamasathien, Hamidreza
Ghandehari, University of Utah



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Second Place Winner

***Novel use for Cement Production Byproduct
as Chemical Coagulant and Flocculant***

Alan Hodges, Jordan Wanlass, Ronald Sims

Utah State University



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***Dual-responsive, biomimetic nanogels
for controlled release of cancer drugs***

Kyle Isaacson, M. Martin Jensen, Alex
Watanabe, Bryant Green, Teresa Ta,
Joseph Cappello, Hamid Ghandehari,
University of Utah