



2015 Annual Meeting

March 5 - 7, 2015 | St. Louis, MO



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Poster Competition

Chair: Mark Uline

Judges & Reviewers

Asif Rahman

Philip Barnes

Daniel Jenkins

Maobing Tu

Charles Miller

Jenna Rickus

Shannon Servoss

John Dueber

Malcolm Campbell

Sachidevi Puttaswamy

Sabrina Jedlicka

Elizabeth Vargis



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UNDERGRADUATE STUDENT WINNERS



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UNDERGRADUATE – THIRD PLACE

Kristen S. Harrison, Johnnie Chamberlin, Wen
Zhang

University of Arkansas

*New Methods of Microalgae Quantification in
Wastewater Treatment and Biofuel Production*



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UNDERGRADUATE – SECOND PLACE

Ryan J. Putman, Sara Gertsch, Dallin
Christensen, Cody Maxfield, Asif Rahman,
Charles D. Miller Utah State University

Stain Busters



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UNDERGRADUATE – FIRST PLACE

Kayla Morrissey, Alexa Jacobs, Lisa Wilken

Kansas State University

*Process Development for Corn Protein Recovery
after Germ Wet Milling for Value-Added Co-
Products*



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UNDERGRADUATE – GRAND PRIZE

Kseniya A. Sheshukova, Kansas State University; Lisa
R. Wilken, Kansas State University;

Erin T. Ogle, Iowa Department of Natural Resources

*Extraction of a Recombinant Human Blood Protein
from Rice Flour*



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GRADUATE STUDENT WINNERS

GRADUATE – THIRD PLACE

Spencer Williams, Anhong Zhou

Utah State University

*Simultaneous Electrochemical Detection of
Metal Ions in Water Using a Six-Electrode
Microfluidic Device*

GRADUATE – SECOND PLACE

Nana Baah Appiah-Nkansah, Kaelin Saul, William
Rooney, Donghai Wang
Kansas State University

*Incorporation of sweet sorghum juice into
current dry-grind ethanol process for improved
ethanol yields, energy savings and water
efficiency*

GRADUATE – FIRST PLACE

Laura Soto Sierra, Chelsea Dixon, Lisa R. Wilken,
Kansas State University

*Aqueous enzymatic extraction of oil and protein
from Chlamydomonas reinhardtii*



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GRADUATE – GRAND PRIZE

Jonathan Wood, Tyler Gladwin, Jon Takemoto,
Ronald Sims, Utah State University

*Differences in Biomass and Phycocyanin Yields
with Respect to Growth Substrata on a Rotating
Algal Biofilm Reactor*

STUDENTS' CHOICE POSTER AWARD

Chris Glover, Sarah Smith, Dave Grant, Sheila Grant, University of Missouri

Characterization of acellular porcine diaphragm construct conjugated with bioactive gold nanoparticles