

**29th International Workshop/Symposium
Rapid Methods and Automation in Microbiology
June 19-26, 2009
Kansas State University**

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(Planned Schedule as of May 15, 2009)**

Thursday, June 18	Arrival
Friday, June 19	All sessions at Clarion Hotel
10:00 a.m.	Registration check-in – Clarion Lobby
11:00 a.m.	Food Science Seminar: “Innovative Risk Assessment Tools for the Routine Monitoring of Pathogenic STEC from Food and Humans” Dr. Patrick Fach AFSSA, France
12:00 Noon Pre-Convene	Registration Visit Exhibits
1:00 p.m.	Welcome Remarks Dr. Ken Odde, Department Head Animal Sciences and Industry, Kansas State University Dr. Curtis Kastner, Director Food Science Institute, Kansas State University
1:15 p.m.	Paul A. Hartman Memorial Lecture “Global Food Microbiology and Rapid Methods” Dr. Paul Hall, President, AIV Consulting Silver Medallion Fellow, Workshop Faculty
2:15-3:00 p.m.	Coffee Break Visit Exhibits and Posters
3:00-3:30 p.m.	Parade of Participants

- 3:30-4:15 p.m. "Advances in Automated Microbiological Test Methods for the Food Laboratory"
Dr. Stan Bailey, Director, Scientific Affairs–Industry
bioMérieux, Inc.
- 4:15-5:00 p.m. "Rapid Methods: An Update from the Pacific Rim"
Dr. Julian Cox, Associate Dean (Education),
University of New South Wales, Australia
Quarter Century Fellow, Workshop Faculty
- 5:15-7:00 p.m. Wine and Cheese Reception; Visit Exhibits and Posters
- 7:00 p.m. Group Photo – by the fountain in the Clarion
- 7:15 p.m. Workshop and Mini-Symposium Opening Banquet (Great Kansas Beef)
After Dinner Speech – Dr. Jerry Jaax, Vice Provost for Research, Kansas State
University

Saturday, June 20

- 8:20 a.m. KSU van – Dormitory to Clarion
- 8:30- 10:00 a.m. "History of Rapid Methods and Market Trends"
Clarion I-III Dr. Daniel Y.C. Fung, Director
- 10:00-10:30 a.m. Coffee Break
Pre-Convene Area Visit Exhibits
- 10:30-12:00. Automation in Microbiology I
Clarion IV-V Dr. Millicent C. Goldschmidt, Founding Fellow, Workshop Faculty,
Visit Exhibits
- 12:00-1:00 p.m. Working Lunch
Clarion IV-V Drs. Stan Bailey, Julian Cox, Beth Ann Crozier-Dodson, Scott Russell and
P.C. Vasavada, Workshop Faculty Members
- 1:00 p.m. **End of Mini-Symposium, Exhibits**
- 1:15 p.m. Clarion and Call vans to Call Hall

WORKSHOP STARTS - Dr. Beth Ann Crozier-Dodson – **Assistant Director**

All commercial slots are tentative.

- 1:30 p.m. Remel (Christine Hilbert)
Call Hall

- 1:45 p.m. Becton Dickinson - "Advanced Chromogenic Media Formulations in Rapid Microbiology"
(Kristin Grill)
- 2:15 p.m. 3M (Enrique Morales)
- 3:00 p.m. Break
- 3:15 p.m. Assignment of equipment. Discussion of general laboratory format.
Dr. Beth Ann Crozier-Dodson and Dr. Julian Cox
Bring your laboratory coat
Hand out of unknowns (24 hr cultures). Streak plates for Sunday
Rehydrate MicroBioLogics culture and swab onto BD BBL CHROMagar(s)
Orientation and Salmonella ChromAgar, inoculate ONE Broth *Salmonella*
Perform conventional tests and inoculate culture into Fung's mini system
Comparative analysis of food samples by conventional viable cell counts, Petrifilm, and
Easy Gel. Inoculate Staph Petrifilm and BBL CHROMagar Staph Aureus
- 4:30 p.m. Divide into groups:
MicroBioLogics, Remel
- 6:00 p.m. Call Hall Van to Clarion

Evening:

WELCOME RECEPTION

- 6:45 p.m. Shuttle to Reception Site and KSU Van from Dormitory to Reception Site
Konza Prairie Lodge – A unique experience in a natural tall grass preserve
Maps and directions provided.
- 7:00 to 10:00 p.m. Dinner and bison loop tours
- 10:00 p.m. KSU van leaves reception.

Sunday, June 21

Clarion (Conference Rooms I–III) – First Call Hall – Later and afternoon

- 8:20 a.m. KSU van – Dormitory to Clarion
- 8:25 a.m. Trends and Applications of Diagnostic Kits, Dr. Stan Bailey
Clarion Distinguished Silver Medallion Fellow, Workshop Faculty
- 9:30 a.m. "The New Face of the FBI" – Special Agent David Cudmore
- 10:05 a.m. Van and cars to Call Hall
- 10:30 a.m. MicroBioLogics (Steve Graybill)
Call Hall

- 11:00 a.m. Microbial-Vac Systems, Inc. (Jared Maughan)
- 11:30 a.m. Microbiology International (Jason Cadle)
- 12:00 noon Lunch on your own
- 1:30 p.m. Inoculation into API, Crystal Gram (-), Crystal Gram (+) ID kit, Enterotube.
Call Hall Reading of conventional tests (VCC), Fung's minitests, and Petrifilm; BBL CHROMagar Staph Aureus, and BBL CHROMagar(s) Orientation and Salmonella, Streak Brilliance Agar with ONE Broth *Salmonella* enrichment
*Streak plates for Monday, including BBL CHROMagar *Listeria*, Rapid L'mono, and ALOA
- 4:45 p.m. Divide into groups: Pathatrix, Microbial-Vac Systems, Inc., and MicroBioLogics.
- 6:00 p.m. Complete day's work.
Van to Clarion
- Evening:**
- 6:45 p.m. Clarion Van leaves Clarion and KSU Van leaves dormitory
7:00 p.m. Optional dinner at Hunam Chinese Restaurant (Great Mongolian Buffet)

Monday, June 22

Clarion (Conference Rooms I–III) – Morning Call Hall - Afternoon

- 8:20 a.m. KSU Van - Dormitory to Clarion
- 8:30 a.m. Food pathogen detection (*Salmonella*, *Listeria*, *Campylobacter*: Conventional versus Rapid Methods (Drs. Stan Bailey, P.C. Vasavada, and Scott Russell)
- 9:30 a.m. “Data, When Tortured Sufficiently, Will Confess to Anything”
(Dr. Scott Russell)
- 10:15 a.m. Break
- 10:30 a.m. Bio-Rad Rapid Chromogenic Media (Beth Litherland)
- 11:00 a.m. bioMerieux Inc. (Paula Avery)
- 12:00 noon Lunch on your own.
- 1:30 p.m. BioControl Products (Liz Mangiaterra) Discussion/inoculation of BioControl Products
Call Hall
- 2:45 p.m. InnovaPrep (Andy Page)
- 3:15 p.m. Matrix MicroScience (Brooke Houston)

- 3:45 p.m. Break
- 4:00 p.m. Read Crystal Gram (-), Crystal Gram (+) ID kit, API 20E, Enterotube, BBL CHROMagar *Listeria*, Rapid L'mono plates, and BD ChromAgar. Tabulate data; streak plates inoculate *Listeria* ID for Tuesday
- 4:50 p.m. Divide into groups: bioMerieux and Micrology Labs
- 6:00 p.m. Complete day's work, KSU vans to the Clarion

Evening:

- 6:45 p.m. Van leaves dormitory and the Clarion
- 7:00 p.m. Optional dinner at Harry's Uptown (Fine dining)

Tuesday, June 23

Clarion (Conference Rooms I–III) – First; Call Hall – Later and afternoon; Tuttle Creek – picnic

- 8:20 a.m. KSU Van – Dormitory to Clarion
- 8:30 a.m. Automation in Microbiology II (Dr. Millicent Goldschmidt) Workshop Faculty
Clarion The Rose Lecture
- 9:45 a.m. Clarion Van to Call Hall
- 10:00 a.m. Bio-Rad (Wendy Lauer)
Call Hall
- 10:30 a.m. Inoculate MicroID, RapID ANA II, RapID ONE
- 11:30 a.m. AES-Chemunex
- 12:00 noon Lunch on your own.
- 1:30 p.m. Reading of *Salmonella* 1-2 test (Dr. Daniel Y. C. Fung)
- 1:45 p.m. Microbiology International (Jason Cadle) Description of systems
- 2:30 p.m. Strategic Diagnostics, Inc. (Jennifer Manion)
- 3:00 p.m. Read MicroID, RapID ANA II, RapID ONE, Read *Listeria* ID
- 4:00 p.m. Microbiology International, SDI, and Chemunex

Dr. George Paoli, USDA–ARS, Wyndmoor, Pennsylvania

- 3:30 p.m. “Detection of Pathogenic Bacteria in Foods with Protein Microarrays”
Dr. George Paoli, USDA–ARS, Wyndmoor, Pennsylvania
- 3:50 p.m. “Multiplex real-time PCR detection and differentiation of food-borne pathogens”
Dr. Yiping He, USDA–ARS
- 4:10 p.m. “Immunochemical Detection of Toxins”
Dr. Marjorie Medina, USDA–ARS, Wyndmoor, Pennsylvania
- 4:30p.m. “Applications of Immunomagnetic Beads and Biosensors for Pathogen Detection”
Dr. Shu-I Tu, Research Leader, USDA–ARS, Wyndmoor, Pennsylvania
- 4:50 p.m. “The Role of National Alliance of Food Safety and Security – Center for
Microbial Detection”
Dr. James Denton, NAFSS
- 5:00 p.m. NAFSS Research Report
- 5:30 p.m. Van from Veterinary School to Clarion
- 7:00 p.m. KSU Van - Dormitory to Clarion
- Evening: Workshop Banquet** - Clarion
- 7:00 p.m. Cash Bar
- 7:30 p.m. Banquet – Western (Cowboy) Barbecue. Dress appropriately. FUN!
- 8:30 p.m. Talent Show organized by Dr. P.C. Vasavada
Those with talents please volunteer!!
“Beth-Eye for the Oz-Guy” – Makeover by Susan Reed

Thursday, June 25

Clarion (Conference Rooms I–III)

- 8:20 a.m. KSU Van – Dormitory to Clarion
- 8:30 a.m. “Innovative Microbiological Approaches to Food Science”
Dr. Daniel Y. C. Fung, Director
- 9:30 a.m. Review of Data and Group Discussion
Drs. Beth Crozier-Dodson and Julian Cox
- 10:30 a.m. Coffee Break
- 11:00 a.m. “Food Safety and Security Strategies at Kansas State”
Dr. P. C. Vasavada

- Noon Lunch on your own
- 1:30 p.m. Foodsafe Risk Management Pty. Ltd. (Rob Dawson)
- 2:15 p.m. Coffee Break
- 2:30 p.m. “KSU Innovative Air and Water Sampling Technology - Practical Applications”
Dr. Beth Ann Crozier-Dodson
- 3:00 p.m. TBA
Dr. Julian Cox
- 4:15 p.m. General Discussion and Problem Solving
Dr. Daniel Y. C. Fung
- 5:00 p.m. Free activity (shopping, packing, etc.)
- 7:15 p.m. KSU Van – Dormitory to Clarion
- 7:30 p.m. Swimming pool farewell at Clarion (food and drinks will be available).

Friday, June 26

Manhattan Clarion (Conference Rooms I–III) – All Morning

- 8:20 a.m. KSU Van – Dormitory to Clarion
- 8:30 a.m. “Microbial Toxins and Food Safety”
Reginald Bennett, FDA, Silver Medallion Fellow, Workshop Faculty
- 10:00 a.m. Break
- 10:30 a.m. General discussion – Dr. Daniel Y. C. Fung
- Noon Workshop adjournment

**We will organize departure van activities.
HAVE A SAFE TRIP HOME!!**