

**Quarter Century
25th**



International Workshop WW

Rapid Methods and Automation in Microbiology

*A Celebration/Symposium and Workshop
Shaping the New Millennium*

*June 16-24, 2005 Mini-Symposium/Workshop
Kansas State University Manhattan, Kansas*

1980-2005

QUARTER CENTURY GALA
Rapid Methods and
Automation in Microbiology XXV
Shaping the New Millennium
June 16-24, 2005



Continuing Learning
Division of Continuing Education
241 College Court Building
Manhattan, KS 66506-6006

KSTATE
Kansas State University

Rapid Methods and Automation in Microbiology XXV



Workshop Purpose

Rapid methods and automation is a dynamic area in applied microbiology dealing with the study of improved methods in the isolation, early detection, characterization, and enumeration of microorganisms and their products in clinical, food, industrial, and environmental samples. This workshop, "Rapid Methods and Automation in Microbiology," will focus on the practical application of conventional and new commercial systems of rapid identification of microorganisms from medical specimens, foods, water, and the environment. Workshop participants will receive nine days of intensive theoretical and hands-on training in microbiological automation under the direction of **Dr. Daniel Y.C. Fung**, an internationally known authority in the field.

A celebration day and two-day mini-symposium will be offered as an integral part of the workshop. Workshop participants must attend both the celebration/mini-symposium and the workshop. Some individuals may opt to attend the celebration/mini-symposium only.

Designed for

- Microbiologists
- Food Scientists
- Medical Technologists
- Consultants
- Quality Assurance and Control Managers
- Laboratory Directors
- Researchers



The host family
Catherine and Daniel

Workshop Director

Dr. Daniel Y.C. Fung is professor of Food Science in the Department of Animal Sciences and Industry at **Kansas State University**. He has gained an international reputation as a lecturer on rapid methods and automation in microbiology at symposia in Sweden, Germany, Great Britain, France, Czechoslovakia, Canada, Israel, Italy, Peoples Republic of China, Singapore, Finland, Iceland, Brazil, Thailand, Colombia, Poland, Hungary, Zimbabwe, Chile, Argentina, Hong Kong, the Philippines, Korea, Taiwan, and the United States. He has more than 600 publications in journals, books, and proceedings, and is the recipient of the **1997 International Award** given by the Institute of Food Technologists because of the uniqueness of this workshop series. He is editor of *Journal of Rapid Methods and Automation in Microbiology*, a Fellow of the American Academy of Microbiology (AAM), Institute of Food Technologists, and International Academy of Food Science and Technology. He presented an invited lecture at Pasteur Institute in Paris during the 100th year commemoration of Pasteur's death in 1995. He won the **2001 Waksman Outstanding Educator Award** given by the Society for Industrial Microbiology. Dr. Catherine L. Fung is an honorary founding fellow.

Visiting Professors



Dr. Millicent C. Goldschmidt, professor of the Dental Branch, Dental Science Institute, at the University of Texas Health Science Center in Houston, has authored more than 200 publications. Her particular expertise in microbiological instrumentation led her to be recognized

as an **Outstanding Woman in Science** in 1985–1986, by the Association for Women in Science. She is a Fellow of AAM.



Dr. J. Stanley Bailey is a research microbiologist with the United States Department of Agriculture, a Fellow of AAM, and adjunct professor with the Poultry Science Department at the University of Georgia. He was the secretary of the **Microbiology Methods Committee of**

AOAC and has published more than 350 publications in the areas of poultry microbiology and microbiological methods.

Assistant Director



Dr. Randall Phebus, associate professor of Food Science at KSU, is the assistant director of the workshop. He specializes in the **detection of foodborne pathogens** (*E. coli* O157:H7, *Listeria*, *Campylobacter* and *Arcobacter*), **intervention strategies** (such as steam pasteurization of meat) to reduce pathogens in meat products, and **biosafety and biosecurity research**.

Laboratory Coordinator



Dr. Beth Ann Crozier-Dodson, Post-Doc, research associate, will coordinate the hands-on laboratory sessions and functions of the workshop. She has assisted Dr. Fung with workshops in the United States, Mexico, Norway, China, and other locations.

Guest Lecturers and Visiting Professors

Nelson A. Cox (a founding Fellow), **Reginald Bennett**, **P.C. Vasavada**, **Cecile Lahellec**, **Richard Oberst**, **Ann Marie McNamara**, **Julian Cox**, and **Scott Russell** have been guest lecturers in recent years.

Twenty-Fifth Quarter-Century International Symposium/Workshop

Rapid Methods and Automation in Microbiology

Kansas State University • June 16–24, 2005

June 16 Day of Celebration

Thursday

All sessions at Holidome

1:30 p.m.

Arrival and Registration—
Visit Exhibits and Posters

3:00 p.m.

Welcome Remarks

Dr. Jack Riley, Department Head (Emeritus)
Animal Sciences and Industry

Dr. Janice Swanson, Interim Department
Head

Dr. Curtis Kastner, Director, Food Science
Institute

3:30 p.m.

“Rapid Methods in Food Safety and
Security—KSU Perspective”

Dr. Randall Phebus, Assistant Director,
Quarter Century Fellow

4:00 p.m.

“The Role of Rapid Methods in the Food
Industry”

Dr. Pall Hall, Kraft, Quarter Century Fellow

4:45 p.m.

Break—Visit Exhibits and Posters

5:30 p.m.

“Wisdom Lost in Information: Other
Toxicogenic Culprits in the Genus
Staphylococcus”

Reginald Bennett, CFSAN, FDA, Silver
Medallion Fellow

6:15 p.m.

“From Rapid Methods to *Campylobacter* in
Poultry”

Dr. Nelson Cox, USDA, Founding Fellow

7:00 p.m.

Celebration—Food, Fun, Door Prizes

9:00 p.m.

Celebrate on your own!

June 17 Mini-Symposium

Friday

All sessions at Holidome

8:20 a.m.

KSU vans to Holidome

8:30 a.m.

“Impact of Rapid Methods in University
Research and Extension”

Dr. Dong-Hyun Kang, Washington State
University, Quarter Century Fellow

9:15 a.m.

“Organizing Successful Rapid Methods
Workshops in Spain”

Dr. Josep Yuste, Universitat Autònoma de
Barcelona, Quarter Century Fellow

Dr. Marta Capellas, Universitat Autònoma
de Barcelona, Quarter Century Fellow

10:00 a.m.

Break—Visit Exhibits and Posters

10:30 a.m.

Parade of Participants

11:15 a.m.

Food Science Seminar Series

“International Harmonization of
Microbiological Methods”

Dr. Cecile Labellec, Silver Medallion
Fellow

12:00 Noon

Lunch on your own

Visit Exhibits and Posters

1:30 p.m.

Paul A. Hartman Memorial Lecture

“Market Trends and Global Impact of Rapid
Methods Testing”

Dr. Thomas Weschler, Strategic Consulting
Inc., Keynote Lecturer

2:30 p.m.

“Practical Application of Rapid Methods in
the Consulting Laboratories”

Dr. Ann Marie McNamara, Silliker
Laboratory, Silver Medallion Fellow

3:15 p.m.

Break—Visit Exhibits and Posters

4:00 p.m.

“Use of Rapid Methods in Risks
Assessments”

Dr. Anna Lammerding, Health Canada,
Quarter Century Fellow

4:45 p.m.

“Development of Rapid Methods in the
Pacific Rim”

Dr. Julian Cox, University of New South
Wales, Quarter Century Fellow

5:30 p.m.

Wine and Cheese Reception

Visit Exhibits and Posters

7:00 p.m.

Group Picture by the Fountain

Reflections

Dr. Millicent Goldschmidt, Founding Fellow

Dr. Nelson Cox, Founding Fellow

Dr. Stan Bailey, Silver Medallion Fellow

Dr. P.C. Vasavada, Silver Medallion Fellow

Reginald Bennett, Silver Medallion Fellow

Presentations of Medallions—

Dr. Daniel Y. C. Fung

Director and Founding Fellow

Banquet

“Me and My World Map:

25 Years of Places and People”

Dr. Catherine L. Fung, “Self-Discovery for
Good Business,” Consultant and Social

Chair, Honorary Founding Fellow

Music and Fun

9:00 p.m.

Continue celebration on your own!

June 18

Saturday

- 8:20 a.m. KSU van—Dormitory to Holidome
- Holidome**
8:30 a.m. "History of Rapid Methods and Automation in Microbiology"
Dr. Daniel Y.C. Fung, Director
- 9:15 a.m. "Vindication and Validation. Not the Same Old AOAC"
Dr. Mike Brodsky, Past President, AOAC, Quarter Century Fellow
- 10:00 a.m. **Break**—Visit Exhibits and Posters
- 10:30 a.m. Open Discussion on Needs and Experiences of Rapid Methods
Discussion Leader—Dr. Randy Phebus, Assistant Director
- 11:30 a.m. **Luncheon and Review of Immunology** (Optional)
Dr. Millicent C. Goldschmidt
Visit Exhibits and Posters
- 1:00 p.m. **End of Mini-Symposium, Exhibits and Posters**
- 1:15 p.m. Holidome and KSU vans to Call Hall

WORKSHOP STARTS

General Laboratory Director—Dr. Beth Ann Crozier-Dodson, Quarter Century Fellow

All commercial slots are tentative.

Call Hall

- 1:30 p.m. MicroBioLogics (Forest Reichel)
- 1:45 p.m. Becton Dickinson—"Advanced Chromogenic Media Formulations in Rapid Microbiology"
- 2:15 p.m. 3M
- 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
Handout of unknowns (24 hr cultures), Streak plates for Sunday
Rehydrate culture and swab onto chromogenic media
Perform conventional tests and inoculate culture into Fung's mini system
Comparative analysis of food samples by conventional viable cell counts and Petrifilm
- 4:30 p.m. Divide into groups: MicroBioLogics, Hychek, Inoculate Staph Petrifilm, Remel
- 6:00 p.m. Call Hall Van to Holidome

Evening:

6:45 p.m.

WELCOME RECEPTION

Holidome Van 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 will be provided.
Lots of interesting foods and beverages
KSU van leaves reception

7:00 p.m.

10:00 p.m.

June 19

Sunday

8:20 a.m.

Holidome

8:25 a.m.

9:05 a.m.

10:05 a.m.

Call Hall

10:15 a.m.

10:45 a.m.

11:30 a.m.

12:00 noon

1:30 p.m.

2:00 p.m.

Holidome (Regency B)—First Call Hall—Later and afternoon

KSU van—Dormitory to Holidome

Trends and Applications of Diagnostic Kits (Dr. Stan Bailey)

BioSys

Van and cars to Call Hall

Bio-Rad

Biolog, Inc.

Microbiology International

Lunch on your own

Remel

Inoculation into API, Crystal Gram (-), Crystal Gram (+) ID kit, Enterotube.

Reading of conventional tests (VCC), Fung's minitests, Petrifilm, and chromogenic media

Streak plates for Monday, including Rapid L'mono and ALOA plates

4:45 p.m.

Divide into groups: BioSys, Biolog, and MicroBioLogics

6:00 p.m.

Complete day's work. Van to Holidome

Evening:

6:45 p.m.

Holidome van leaves Holidome and KSU van leaves dormitory

7:00 p.m.

Optional dinner at Hunam Chinese Restaurant (Great Mongolian Buffet)

June 20

Monday

8:20 a.m.

Holidome

8:30 a.m.

Holidome (Regency B)—Morning Call Hall—Afternoon

KSU Van—Dormitory to Holidome

Food pathogen detection (*Salmonella*, *Listeria*, *Campylobacter*: Conventional versus Rapid Methods (Dr. Stan Bailey and Dr. P.C. Vasavada)

9:30 a.m. "U.S. Army Food Safety Program"
Roger W. Parker (DVM, Ph.D.), Lieutenant
Colonel, U.S. Army Veterinary Corps,
Quarter Century Fellow

10:15 a.m. **Break**

10:30 a.m. Neogen

11:00 a.m. bioMerieux Inc.

12:00 noon **Lunch on your own.**

1:30 p.m. BioControl Products
Discussion and inoculation of BioControl
Products

Call Hall

2:45 p.m. "Innovative Microbiological Approaches to
Food Science"
Dr. Daniel Y. C. Fung, Director

3:15 p.m. International BioProducts: Microbiology
Laboratory Supplies

3:45 p.m. **Break**

4:00 p.m. Read Crystal, API, Crystal Gram (+) ID kit,
Enterotube, and Rapid L'mono plates,
Tabulate data; streak plates inoculate
Listeria ID for Tuesday

4:50 p.m. Divide into groups: Neogen, bioMerieux,
Biolog, and Advanced Instruments/
Spiral Biotech

6:00 p.m. Complete day's work, van to the Holidome

Evening:

6:45 p.m. Van leaves dormitory and the Holidome

7:00 p.m. **Optional dinner at Harry's Uptown**
(fine dining)

June 21

Tuesday

Holidome (Regency B)—First
Call Hall—Later and afternoon
Tuttle Creek—picnic

8:20 a.m. KSU Van—Dormitory to Holidome

Holidome

8:30 a.m. Automation in Microbiology (Dr. Millicent
Goldschmidt)

9:45 a.m. Holidome Van to Call Hall

Call Hall

10:00 a.m. TECRA Diagnostics: Rapid Pathogen
Testing

10:30 a.m. Genetrak and Isogrid

11:00 a.m. Inoculate MicroID, RapID ANA II,
RapID onE

11:30 a.m. Chemunex

12:00 noon **Lunch on your own.**

1:30 p.m. Reading of *Salmonella* 1-2 test

1:45 p.m. Microbiology International
Description of systems

2:30 p.m. Strategic Diagnostics, Inc.

3:00 p.m. Read MicroID, RapID ANA II, RapID onE,
Read *Listeria* ID

4:00 p.m. Genetrak, Tecra, Microbiology International,
SDI, and Chemunex

5:30 p.m. KSU Van to Holidome.

7:00 p.m. Holidome Van to Picnic, KSU Van to Picnic.
Picnic at the beautiful Tuttle Creek area.
Dress appropriately. Be sure to have maps if
you drive.

June 22 Molecular Detection Day

Wednesday Holidome, then Veterinary School

8:20 a.m. Dormitory Van to Holidome

Holidome

8:30 a.m. Instrumentation lecture (Dr. Millicent
Goldschmidt)

10:00 a.m. Holidome Van to Veterinary School

Veterinary School

10:15 a.m. "Basic Principles and Applications of PCR"
Dr. Richard Oberst, Quarter Century Fellow

11:00 a.m. Introduction of cultures into PCR units:
Thermal Cyclers begin

Applied BioSystems, Dupont Qualicon,
Cepheid, and Warnex Diagnostics

11:30 noon **Working Lunch at the Veterinary School**

1:30 p.m. **Break**

1:45 p.m. Rotations Begin—TaqMan, Bax and
Qualicon, Cepheid, Warnex Diagnostics

3:15 p.m. Purdue University Biosensor
Mini-Workshop

"Center for Food Safety Engineering at
Purdue," Dr. Richard H. Linton, Center
Director

"Micro-scale Bioseparations for Pathogenic
Cell Concentration and Recovery,"
Dr. Michael Ladisch, Professor, Agricultural
and Biological Engineering

"Optical Immunosensors and Cell-based
Detection for *Listeria monocytogenes*,"
Dr. Arun Bhunia, Professor, Food Science

"Nontechnology and Micro Fluidics for
Pathogen Detection," Dr. Rashid Bashir,
Associate Professor, Electrical and
Computer Engineering

"Novel Using Bioluminescence
Techniques," Dr. Bruce Applegate,
Associate Professor, Food Science

"Phage-display Method for Antibody
Production and New Sandwich Methods for
Pathogen Detection," George Paoli and
Andrew Gehring, Research Scientists,
USDA-ARS

- 6:15 p.m. KSU Van—Dormitory to Holidome
Evening: Workshop Banquet—Holidome
 6:00 p.m. **Cash Bar**
 7:00 p.m. **Banquet—Western (Cowboy) Barbeque**
 Dress appropriately. FUN!
 8:00 p.m. **Talent Show**
 Those with talents please volunteer!

June 23

Thursday

- Holidome (Regency B)—Morning
 Call Hall—Afternoon
 8:20 a.m. KSU Van—Dormitory to Holidome
Holidome
 8:30 a.m. “Advantages to Using Rapid Methods for
 Monitoring Sanitation in Food Processing
 facilities”
 Dr. Scott Russell, Quarter Century Fellow
 9:45 a.m. AutoJet Technologies
 10:30 a.m. **Break**
 11:00 a.m. Review of Data and Group Discussion (Dr.
 Randy Phebus)
 12:00 noon **Lunch on your own**
 1:20 p.m. Holidome Van to Call Hall
Call Hall
 1:30 p.m. New Horizons Diagnostic
 2:15 p.m. Biotrace
 3:00 p.m. Demonstrations of New Horizons
 and Biotrace
 3:30 p.m. “Innovative Microbiological Approaches to
 Food Science”
 Dr. Daniel Y. C. Fung, Director
 4:00 p.m. Open Session
 5:00 p.m. Free activity. Shopping, packing, etc.
 7:15 p.m. KSU Van—Dormitory to Holidome
 7:30 p.m. **Swimming pool farewell at Holidome**

June 24

Friday

- Holidome (Regency B1)—All Day
 8:20 a.m. KSU Van—Dormitory to Holidome
Holidome
 8:30 a.m. “Microbial Toxins and Food Safety”
 Reginald Bennett, FDA, Silver Medallion
 Fellow
 10:00 a.m. **Break**
 10:30 a.m. Innovative agar media (*E. coli* O157:H7,
 etc.) and toxin systems demonstrations
 General discussion and presentation of
 certificates (Fung)
 12:00 noon Workshop adjournment

We will organize departure van activities.

HAVE A SAFE TRIP HOME!

Social Activities

A gala celebration, welcome and farewell receptions, one lunch, two banquets, and a midweek picnic are planned. Informal, optional dinner meetings will be arranged. Spouses are welcome to attend at no charge except for ticketed events. Due to hot weather, casual dress during the workshop is recommended. You may wish to wear coats and ties/dresses to the banquets.

Location

The Rapid Methods and Automation in Microbiology Mini-Symposium/Workshop will be held at the **Holiday Inn** in Manhattan, Kansas, and **Call Hall**—with a newly renovated modern laboratory and excellent lecture halls—on the Kansas State University campus.

Transportation

Manhattan has an airport served by U.S. Air-Express. The charming city is approximately 130 miles west of Kansas City on Interstate Highway 70, a scenic drive of about two and one-half hours. KCI Roadrunner is an airport van shuttle service that runs between the Kansas City International Airport and Manhattan. For schedule information and reservations, call toll free in the United States 1-800-747-2524, from outside the United States call 1-785-539-2284, or contact your travel agent. Reservations are recommended.

Accommodations

A block of rooms has been set aside for workshop participants at the Manhattan Holiday Inn/Holidome, 530 Richards Drive. **Please refer to the workshop when making reservations directly with the Holiday Inn at 1-785-539-5311, FAX: 1-785-539-8368.** The rate for a single or double room is \$70 plus tax per night. Please make reservations before **May 15, 2005**, to receive the reduced rate.

Campus residence hall facilities featuring single rooms with bathroom facilities on each corridor are also available for workshop participants. Reservations include nine nights (Wednesday through Thursday) and nine optional breakfasts (Thursday through Friday). Additional nights are also available upon request. Transportation will be furnished to and from the Holiday Inn. For rate information or to make a reservation for campus residence halls, call 1-785-532-5569. **The deadline for reservations is May 15, 2005.**

Note:

- 1. Arrival**—At Manhattan Municipal Airport, call Holiday Inn (direct phone line in baggage area) for courtesy van to Holiday Inn or KSU dormitory. If you rent a car be sure to obtain a KSU parking permit from Dr. Fung starting Monday, June 20.
- 2. Poster Session**—Please indicate on the registration form if you wish to present a scientific poster at the mini-symposium. A space will be available for display of posters. A certificate of participation will be issued to the senior author. Top three posters will receive awards.

Workshop Fees

The registration fee for the 2005 *Rapid Methods and Automation in Microbiology Workshop* is \$1,995 (includes the celebration/mini-symposium). This includes nine days of program sessions and laboratories, all handout materials, and a one-year subscription to *Journal of Rapid Methods and Automation in Microbiology*. Also included are the celebration, two banquets, one lunch, one picnic, refreshment breaks and receptions. Other meals, lodging, and transportation are not included. **Payment must be in U.S. dollars or by World Wide Money Order.**

Mini-Symposium and Celebration Fees

The registration fee for the mini-symposium of June 16–18 is \$615. The fee includes all sessions, handouts, refreshment breaks, one lunch, symposium banquet, one reception and the celebration.

Molecular Detection Day

A special one-day registration option is available for Molecular Detection Day on June 22. The day includes a Biosensor Mini-Workshop conducted by Purdue University. This single-day registration fee is \$200.

University Credit

Two hours of graduate credit (optional) are available for an additional \$524. To register for credit, go to www.dce.ksu.edu and click "Course Offerings." Enter course number (FDSCI 713) or reference number (90305) in the appropriate field.

CEUs

Each participant will receive a Certificate of Participation upon completion of the workshop. Optional CEUs are also available for an additional \$15.

Bank/Wire Transfer

In the bank/wire transfer, be sure to include Division of Continuing Education, Rapid Methods and Automation in Microbiology, and your last name.

Account Name: State Fee Acct.
Account No.: 40180123
Intrust Bank
630 Humboldt
Manhattan, KS 66502
785-565-5400
Routing No.: 101100029
Sort or Swift Code: CBKCUS44

Refund/Cancellation Information

The workshop registration fee, less a \$100 handling charge, will be cheerfully refunded if notice of cancellation is received on or before **May 28, 2005**. After that date, a 75 percent refund will be available until **June 15, 2005**. Due to guarantees we must give, no refund will be available after **June 15, 2005**.

The Division of Continuing Education may cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances. If a program is

anceled or postponed, the Division of Continuing Education will refund registration fees but cannot be held responsible for other costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies.

Graduate Student Fellowships

Fellowships, including tuition, room, and board, may be awarded to highly qualified degree-seeking graduate students to participate in the workshop as special assistants. Contact Dr. Daniel Y.C. Fung for details. **Application deadline: April 15, 2005.**

Questions

If you have questions concerning the workshop scientific content or format, contact Dr. Daniel Y.C. Fung at Tel: 1-785-532-1208, Fax: 1-785-532-3295, or E-Mail: dfung@oznet.ksu.edu.

Questions concerning registration or general information should be directed to the Rapid Methods and Automation in Microbiology Program Coordinator at **1-800-432-8222** in the U.S., or 1-785-532-5575 outside the U.S.

Fast, Easy Registration



Online Registration:

<http://www.dce.ksu.edu/dce/cl/rapidmethods/>



By Mail—Send registration form to Microbiology, 131 College Court Building, Kansas State University, Manhattan, KS 66506–6015.



By Fax—Fax the registration form to 1-785-532-2422. Attn: Microbiology.



By Phone—Call 1-800-432-8222 (in the U.S.) or 1-785-532-5569 (outside the U.S.) and ask for Non-Credit Programs Registration. Office hours: Mon.–Fri., 8 am to 5 pm CST.

Limited Enrollment

Enrollment in the workshop is limited. Please register as soon as possible to guarantee your enrollment. There is no enrollment limit for the celebration/mini-symposium on June 16–18.

Web Site

Program and registration information is available at <http://www.dce.ksu.edu/dce/cl/rapidmethods/>.

For other continuing education opportunities, visit the KSU Division of Continuing Education web site at <http://www.dce.ksu.edu/>.

Letter of Invitation

If you require a visa to enter the United States and need a letter of invitation to the workshop, please contact Dr. Fung. (*This letter of invitation will be faxed to you or sent to you via e-mail. We will not send original letters to embassies or provide assistance in securing a visa.*)

A silver medallion crafted specially for the 25th Gala Celebration and will be presented to all official participants.

Registration Form—Rapid Methods and Automation in Microbiology XXV

Register online at: <http://www.dce.ksu.edu/dce/cl/rapidmethods/2005/>

• _____
 First Name Middle Initial Family or Last Name
 (EXACTLY as you wish it to appear on certificate)

• _____
 Job Title (Please be specific)

• _____
 Company, Agency, or University, etc.

• _____
 Address

• _____
 City, State, ZIP Code, Country

• Telephone _____ • FAX _____
 (include country and area codes for both numbers)

• E-mail _____

• Male Female

Assistance for Participants with Disabilities/Dietary Requirements

In order to assist you, please indicate by May 28, 2005 any special requirements and assistance needed. _____

• I request vegetarian meals. (Due to guarantees which must be given in advance, changes cannot be permitted at the conference/workshop, etc.)

• Poster Presentation ____ Yes ____ No
 8 feet x 4 feet maximum

Senior Author of Poster: _____

- _____ \$1,995 Workshop registration fee (includes celebration/mini-symposium, June 16–18)
- _____ \$615 Celebration/Mini-Symposium only (June 16–18)
- _____ \$200 Molecular Detection Day only (June 22)
- _____ \$15 CEUs (optional)

To register for two credit hours of graduate credit, go to www.dce.ksu.edu and click "Course Offerings"

Method of Payment

- Check (payable to Kansas State University FEIN 48-0771751)
- Invoice my company at the address on form
- Charge to: MasterCard  Visa  Discover  American Express 
- Bank Wire Transfer

• _____
 Print Cardholder's Name Cardholder's Signature

• _____
 Card Number Expiration Date

To register by telephone, call 1-785-532-5569 and ask for conference registration. Or FAX your registration to us at 1-785-532-2422 or e-mail informationdce@ksu.edu.

Roster Release

_____ Initial here if you do not want your name on the participant roster for this program.

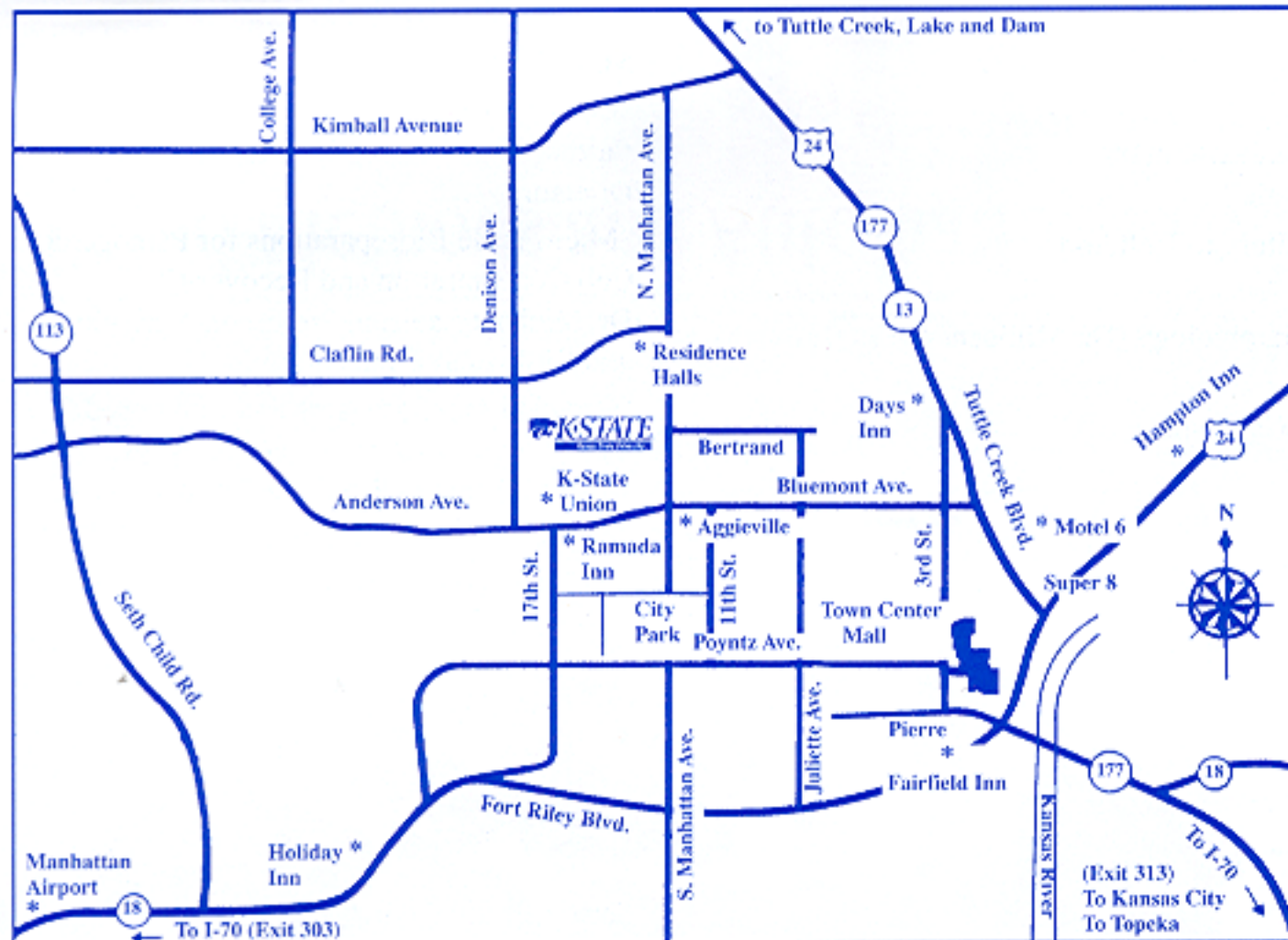
Return this form to:

Rapid Methods and Automation in Microbiology—Registration
 Kansas State University
 Division of Continuing Education
 131 College Court Building
 Manhattan, KS 66506-6015 USA

cut and mail (keep a copy)

See this brochure on the World Wide Web at <http://www.dce.ksu.edu/dce/cl/rapidmethods/>

Manhattan, Kansas



Special Assistance
 Kansas State University is committed to making program activities accessible to all participants. If you have special requirements due to disabilities or dietary restrictions, indicate your needs on the registration form or contact the Division of Continuing Education Registrar at (785) 532-5566 at least three weeks before the start of the program. After this date, we will make every effort to provide the assistance, but cannot guarantee that requested services will be available.

Notice of Nondiscrimination
 Kansas State University is committed to nondiscrimination on the basis of race, sex, national origin, disability, religion, age, sexual orientation, or other nonmerit reasons, in admissions, educational programs or activities and employment (including employment of disabled veterans and veterans of the Vietnam Era), as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans With Disabilities Act of 1990, has been delegated to Clyde Howard, Director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, (Phone) 785-532-6220; (TTY) 785-532-4807.