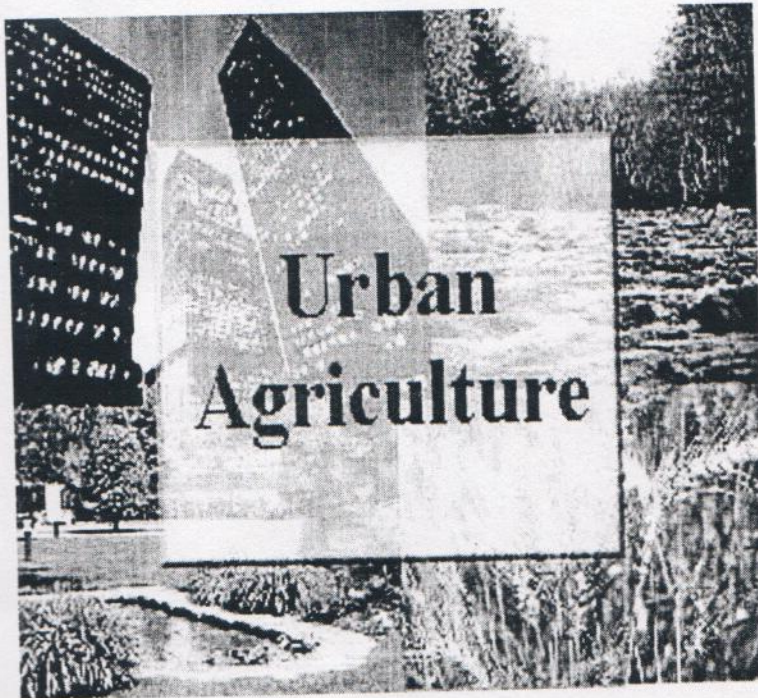


# *Program*

*Bonnie McCee*

## **Urban Agriculture: Emerging Opportunities in Science, Education, and Policy**

**Symposium held in Dallas, Texas  
May 19 – 22, 2002**



## **PROGRAM**

### **Urban Agriculture: Emerging Opportunities in Science, Education, and Policy**

Symposium held in Dallas, Texas  
May 19-22, 2002

#### **Organizing Committee**

Tim D. Davis (Chair), Texas A&M University, Dallas  
Vic Gibeault (Vice Chair), University of California, Riverside  
Lorna Michael Butler, Iowa State University, Ames  
Maurice Dorsey, USDA-CSREES, Washington, D.C.  
Robert Dowdy, USDA-ARS, St. Paul  
Gail Feenstra, University of California, Davis  
Wayne Gardner, University of Georgia, Griffin  
Dale Maronek, Oklahoma State University, Stillwater  
Ari Michelsen, Texas A&M University, El Paso  
Jon Rodiek, Texas A&M University, College Station  
Peter Schultz, Virginia Tech, Virginia Beach  
Bonnie McGee, Texas A&M University, College Station  
Jamie Mills (Local Arrangements Coordinator), Texas A&M University, Dallas

#### **Collaborating Institutions and Sponsors**

University of California, Division of Agriculture and Natural Resources  
Texas A&M University Agriculture Program  
Council for Agricultural Science and Technology (CAST)  
University of Georgia, Center for Urban Agriculture  
USDA, Cooperative States Research, Education, and Extension Service  
Iowa State University  
Kellogg Foundation  
American Society for Horticultural Science  
National Urban Task Force  
Oklahoma Botanical Garden and Arboretum  
Oklahoma State University  
Farm Foundation  
USDA, Agricultural Research Service  
U.S. Golf Association  
Virginia Tech, Hampton Roads Research and Extension Center

Urban Agriculture: Emerging Opportunities in Science, Education, and Policy  
May 19-22, 2002  
Harvey Hotel/Crowne Plaza Complex  
Dallas, Texas

PROGRAM

**SUNDAY, MAY 19**

**Optional pre-conference tours.** Options: 1) *Green Industry/Environmental Horticulture* (tour leader: Dr. Steve George); 2) *Food and Culture* (tour leader: Mr. Stacy Reese). **Preregistration required.** Registrants meet in lobby (upper Atrium) of Crowne Plaza at **11:45 am**. Tours will depart promptly at 12 noon and return by about 5:00 pm.

**Facilitators Briefing**— 2:00-5:30 pm. Jim Brenner, Chief Facilitator, meets with Facilitation Team members (facilitators and scribes) to review/confirm roles and process for small group interactive discussion sessions on Day 2 of symposium. Post Oak Room, Harvey Hotel

**Registration**— 3:00-7:00 pm. Crowne Plaza lobby, upper Atrium

**Welcoming Reception**—6:00-8:00 pm. Crowne Plaza lobby, upper and lower Atrium

**MONDAY, MAY 20**

GOALS FOR THE DAY:

1. Provide a welcome, orientation, and history of how the symposium developed;
2. Begin to answer the question: why is urban agriculture of relevance to today's society?;
3. Define and describe components of urban agriculture;
4. Develop a common vocabulary and lay a scientific foundation for interactions on Day 2;
5. Begin identifying critical issues in urban agriculture.

Complimentary continental breakfast available for symposium registrants in Remington's, Harvey Hotel

**7:00-8:00 AM**--Organizing Committee/Program Moderators meeting/breakfast, Live Oak Room, Harvey Hotel.

**7:30-8:30 AM**-- Registration, Gallery outside of Trinity Ballroom in Harvey Hotel

*PLENARY SESSION (Trinity Ballroom, Harvey Hotel)*

**8:30-9:00 AM**—Introductory and Welcoming Remarks by Tim Davis (Symposium Chair), Vic Gibeault (Symposium Vice Chair), Edward A. Hiler (Vice Chancellor, Texas A&M University),

and Reg Gomes (Vice President, Agriculture and Natural Resources, University of California)

**9:00-9:15 AM**– Presentation of new video on urban agriculture “Agventures in the City, Urban Agriculture”–produced jointly by Texas A&M University and Oklahoma State University

**9:15-9:45 AM**– Significance and Benefits of Urban Agriculture–Why are we here?, I. Miley Gonzales (Director, New Mexico Agricultural Experiment Station and former USDA Undersecretary for Research, Education, and Economics). Moderator, Maurice Dorsey (USDA-CSREES)

**9:45-9:50 AM**–Who’s here? Where are we from? Brief profile of participants, Tim Davis

**9:50-10:35 AM**– Challenges in Defining Urban Agriculture and Opportunities for Expanding Conventional Definitions, Paul Thompson (Purdue University). Moderator, Tim Davis

**10:35-10:40 AM**–Who’s doing what in urban agriculture and for how long?, Vic Gibeault

**10:40-11:25 AM**– Population Changes and Demographics as they Relate to Agriculture, John Thomas (Texas A&M University). Moderator, Vic Gibeault

**11:25-11:45 AM**– Council for Agricultural Science and Technology (CAST) report on Urban Agriculture (Urban and Agricultural Communities: Opportunities for Common Ground), Editors’ Perspective, Dale Maronek (Oklahoma State University) and Lorna Butler (Iowa State University). Moderator, Vic Gibeault

**11:45 AM -1:00 PM**– Southwestern Luncheon Buffet, Windsor–Crowne Plaza Hotel

*GENERAL SESSION–COMPONENTS OF URBAN AGRICULTURE (Trinity Ballroom, Harvey Hotel)*

**1:00-1:50 PM**– Animals/Wildlife/People Interactions, Ron Dodson (Audubon International). Moderator, Gail Feenstra

**1:50-2:45 PM**– Community Vitality/Human Health and Development, Jac Smit (Urban Agriculture Network); Patricia Hynes (Boston University). Moderator, Gail Feenstra

**2:45-3:10 PM**–Break

**3:10-4:05 PM**–Environmental Horticulture and the Green Industry, John Kelly (Clemson University); Scott Templeton (Clemson University). Moderator, Ari Michelsen

**4:05-5:00 PM**– Natural Resources, Henry Vaux (University of California); Richard Coombe (Watershed Agricultural Council of New York). Moderator, Ari Michelsen

*EVENING*

**6:00-7:30 PM**—Dinner with Taste of Texas theme and mariachi band (no speaker or program—time to socialize), Windsor and lower Atrium, Crowne Plaza Hotel.

**TUESDAY, MAY 21**

Complimentary continental breakfast available for symposium registrants in Remington's, Harvey Hotel

*GOALS FOR THE DAY:*

1. Continue to define and describe the components of urban agriculture;
2. Continue identifying critical issues in urban agriculture;
3. Identify where the components and issues of urban agriculture overlap with rural agriculture;
4. Identify opportunities for the healthy integration of agricultural knowledge and information (technical, biological, social) for enhancing the livability of communities;
5. Identify points of intervention where this knowledge and information might make positive environmental, social, or economic contributions to the resolution of current and future community problems;
6. Identify "next steps" for moving forward into action;
7. Foster interaction among stakeholders that have not worked together before.

*GENERAL SESSION (Trinity Ballroom, Harvey Hotel)*

*7:00 - Facilitator / Recorder Set-Up*

**8:00-8:15 AM**-- Synthesis of Day 1 and Introduction to Day 2 , Tim Davis

**8:15-9:00 AM**-- "An Example of a Sustainable Community": Judy Corbett (Village Homes, Davis, California). Moderator, Gail Feenstra

**9:00-9:15 AM**— Overview and Expectations for **breakout sessions**; Jim Brenner, Chief Facilitator (University of California)

**9:15-9:30 AM**-- Move to Facilitated Breakout Session A, Rooms (Harvey Hotel): 1) Red Oak; 2) Cottonwood; 3) Trinity I; 4) Spanish Oak; 5) Elm; 6) Mesquite; 7) Pecan; 8) Maple; 9) Room 190/191; 10) Room 192/193.

**9:30-10:35 AM**— Creating a Vision for Urban Agriculture, Facilitated Breakout Session A (about 10 groups of 15-20 people each, each with a facilitator and recorder).  
*Purpose: Identify a vision for agriculture in an urbanizing society, summarize main themes, identify top three priorities and craft vision statement weaving main themes together into concise sentence or two.*

**10:35-10:50 AM**-- Break, food/drink in Gallery (outside of Trinity Ballroom), Harvey Hotel

**10:50-11:55 AM--** Urban Agriculture: Current Situation, Facilitated Breakout Session B (same groups and room assignments as for Session A). *Purpose: Describe current situation regarding agriculture in an urbanizing society (e.g. where are we now? what barriers do we face?), summarize main themes about current situation, and identify three most important aspects of the current situation that need to be considered.*

**11:55 am-1:30 PM--** Mexican Luncheon Buffet, Windsor-Crowne Plaza Hotel (Facilitators share summary sheets and “synthesizers” meet and integrate findings of Breakout Sessions A&B - Live Oak Room, Harvey Hotel)

*GENERAL SESSION (Trinity Ballroom, Harvey Hotel)*

**1:30-1:45 PM--** “Where are we and where do we want to go?” The Challenge is: “How do we get there?”

**1:45-2:45 PM--** Weaving Science, Education, and Policy—Strategies for Building Urban/Rural Connections through Agriculture. Moderator, Lorna Butler

**Rachel Mabie Surls**, UC Cooperative Extension, Los Angeles, CA (policy)

**Frank Gilstrap**, Texas Agricultural Experiment Station, College Station, TX (science)

**Tom Scott**, Walter Biddle Saul High School for Agricultural Sciences, Philadelphia, PA (education)

**2:45-3:00 PM--** Carousel Process Session. *Purpose: Identify opportunity areas and strategies for science/research, education, and policy for building rural-urban connections in urban agriculture and get names of people interested in working in these areas in the future.* Instructions from Bonnie McGee.

**3:00-4:30 PM--** Carousel Process to Develop Strategies (Trinity Ballroom, Harvey Hotel)

3:00-3:20 PM, Round 1 of “Carousel Process to Develop Strategies”

3:25-3:45 PM, Round 2 of “Carousel Process to Develop Strategies”

3:50-4:10 PM, Round 3 of “Carousel Process to Develop Strategies”

4:15-4:35 PM, Round 4 of “Carousel Process to Develop Strategies”—Next Steps

**4:30-4:45 PM--** Move to poster session

**4:45-6:30 PM--** Poster session with authors present (Gallery outside Trinity Ballroom), special displays, food and drink will be served. Note to authors: Posters and displays can be set up as early as Monday morning (May 20) and must be removed by 12 noon on Wednesday (May 22).

### *Special Displays*

- **The Clemson Extension Home & Garden Information Center: An Information Delivery System for South Carolina Residents**, James Blake and Karen Russ, Clemson University
- **Integrated Pest Management**, David Clement and Mary Kay Malinoski, University of Maryland
- **CYFERNET**, USDA/CSREES
- **Fire Ants**, Beth Hickman, Texas Cooperative Extension
- **National Urban Task Force**, Gwendolyn Jackson
- **TEACH US**, Keith Tidball, USDA/Foreign Agriculture Service
- **Urban Ag Online**, Geoff Wilson, Australia

### *Posters—contributed papers*

1. The Biological Reality in Italy. *R. Jirillo, A. Rocchi, and O. Martucci*. University La Tuscia and University Roma 3, Italy.
2. Introducing Tropicals and Exotics into a Desert Community Through Cooperative Development, Education, and Research. *R. Morris, T. O'Connell, B. Borden, and D. Devitt*. University of Nevada Cooperative Extension and USDA Rural Development.
3. Reveille Hybrid Bluegrass—A Heat Resistant Bluegrass. *J.C. Read*. Texas A&M University, Dallas.
4. New Farmer Development: Extension Education for Growers Re-Entering Direct Market Production. *J.S. Nettleton*. Cornell Cooperative Extension, New York City.
5. Dependent to Independent: Aiding Urban Agriculture Programs Until They Can Go It Alone. *A. Carter, M. Mazzola, and F. Mangan*. University of Massachusetts and Nuestras Raices, Inc.
6. Using a Community Service Learning Course to Teach Undergraduates the Components of Urban Agriculture Networks. *A. Carter, C. Casey, R. Cook, and N. Schloyer*. University of Massachusetts.
7. Organic Farming in European Union: Perspectives and Facts. *G. Pandolfo, O. Mattucii, and A. Rocchi*. University of Rome La Sapienza, University of Rome 3, and University of Tuscia, Italy.
8. Hydrology and Water Quality of an Urban Turf System. *K.W. King, J.C. Balogh, and R.D.*

- Harmel*. USDA/ARS, Temple, Texas & Spectrum Research Inc., Duluth, Minnesota.
9. Influence of Urban Infrastructure on a Tree Disease Epidemic. *K. Camilli, J. Everitt, and D. Appel*. Texas Forest Service, Austin & Texas A&M University, College Station
  10. Living on the Land: A New Tool for Reaching the Small Acreage Audience. *S. Donaldson*. University of Nevada Cooperative Extension, Reno.
  11. Cultivating Success in Urban Community-Based Food Systems. *T.A. Beaver*. University of Idaho.
  12. Oak Wilt Fungal Mats: A Game of Strategy. *K.S. Camilli and J. Davis*. Texas Forest Service, Austin and Fort Worth.
  13. Recycled Water Irrigation in Urban Agriculture. *A. Harivandi*, California Cooperative Extension, Alameda.
  14. Use of Peatmoss Topdressing Treatments for Controlling Take-All Root Rot of St. Augustinegrass. *P.F. Colbaugh, X. Wei, and J.A. McAfee*. Texas A&M University, Dallas.
  15. A Regional Turfgrass Disease ID Program Through an Industry-University-Private Consulting Partnership. *P.F. Colbaugh, L.J. Stowell, S.D. Davis, M.A. Fidanza, and J.B. Unruh*. Texas A&M University-Dallas, PACE Consulting, Aventis Environmental Science, Pennsylvania State University, and University of Florida.
  16. Black Spot, Powdery Mildew, and Alternaria Petal Blight Responses of 114 Rose Cultivars Grown Under Pesticide-Free Growing Conditions in North-Central Texas. *P. Colbaugh, W. Mackay, S. George, B. Crow, and X. Wei*. Texas A&M University, Dallas.
  17. Improving Tree Canopy Quality Through Pruning Education and Industry Regulation. *M.B. Peters and M.S. Orfanedes*, University of Florida, Broward County Extension, Davie.
  18. Integrated Pest Management in the Home Landscape. *R.E. Durham*. University of Kentucky.
  19. Changes in Heavy Metal Chemistry During Accelerated Organic Matter Mineralization. *D. Wang, K. Huang, and J. Sloan*. Texas A&M University, Dallas.
  20. Bedding Plant Trials: A Rural/Urban Interface. *H.B. Pemberton, L. Finical Halleck, and S.W. George*. Texas A&M University, Overton & Dallas, and Dallas Arboretum and Botanical Society.
  21. Texas Superstars, Identifying and Promoting Superior Landscape Plants that Have Minimal Environmental Impact on Urban Communities. *W.A. Mackay, S.W. George, T.D. Davis, M.A. Arnold, R.D. Lineberger, J. Parsons, L. Stein, H.B. Pemberton, and C.B. McKenney*. Texas A&M University.



22. The State of Urban Agriculture in Vancouver, Canada: A Survey of Food Growers in the City. *J.L. Blecha*, University of Minnesota.
23. Distance Education: Providing Horticulture Classes to an Urban Audience. *C.B. McKenney and E.B. Peffley*. Texas A&M University and Texas Tech University.
24. Bermudagrass Growth in Porous Pavement Structural Soil. *M.A. Hegemann and J.J. Sloan*. Texas A&M University, Dallas.
25. The Georgia Center for Urban Agriculture. *W. A. Gardner*. University of Georgia, Griffin.
26. The Role, Impact, and Future of Urban Agriculture in Emerging University Cities of Cameroon: Urban Agriculture in the University Town Dschang-Cameroon. *A.W. Jingwa and N.L. Nkemanteh*. International Institute of Tropical Agriculture & Environment and Rural Development Foundation, Cameroon.
27. Introduction of Ethnic Crops to Urban Farmers' Markets. *F. Mangan, K. Johnson, J. Baranek, M. Anderson, L. Colangione, H. Costello, D. Webber, R. Hazzard, C. Casey, R. Bernatzsky, A. Carter, L. Sullivan-Werner, and T. Jaoul*. University of Massachusetts, Tufts University, Red Tomato, and Massachusetts Department of Food and Agriculture.
28. Evaluation of Low Maintenance Perennial Plants for South Carolina Landscapes. *E.A.V. Strother, S.A. Cheatham, P.A. Rollins, and S.N. Jeffers*. Clemson University.
29. New Resource Center Brings Integrated Pest Management to Schools in Texas, Oklahoma, and New Mexico. *M.E. Merchant, D. Renchie, and J.A. Hurley*. Texas A&M University, Dallas.
30. Resistance to Fall Armyworm (*Spodoptera frugiperda*) among Kentucky Bluegrass (*Poa pratensis*) Cultivars. *J.A. Reinert, J.C. Read, and R. Lynch*. Texas A&M University, Dallas and USDA-ARS, Tifton, Georgia.
31. Resistance Among *Lantana* Cultivars to Lantana Lace Bug, *Teleonemia scrupulosa* Stal. *J.A. Reinert, W.A. Mackay, S.W. George, E. Smith and T.D. Davis*. Texas A&M University, Dallas.
32. Anthropology of Urban Agriculture: Economic Wellness and Ecosystem Health for Slum Dwellers in Dhaka, Bangladesh. *K. Hasna*. University of Oxford, United Kingdom.
33. Urban Agriculture Programs at Virginia Tech's Hampton Roads AREC. *Peter B. Schultz*. Virginia Tech, Virginia Beach.
34. Artificial Diet for White Grubs: A New Urban Research Tool. *R.L. Crocker, X. Wei, and M. Garcia-Bonilla*. Texas A&M University, Dallas.
35. Horticulture as a Therapeutic and Rehabilitation Tool. *P.D. Relf*. Virginia Tech.

3:00 Berkshire Room  
Crown Plaza

**WEDNESDAY, MAY 22**

Complimentary continental breakfast available for symposium registrants in Remington's, Harvey Hotel

*GOALS FOR THE DAY:*

1. *Understand urban agriculture from a planning perspective;*
2. *Recommend future actions in key opportunity areas e.g. science/research, education, and policy (others may emerge from the small group sessions) ;*
3. *Prioritize potential actions and strategies.*

*GENERAL SESSION (Trinity Ballroom, Harvey Hotel)*

**8:00-10:15 AM**– Urban Agriculture from a Planning Perspective. Organized and moderated by Jon Rodiek

Introduction- Jon Rodiek, Texas A&M University

Nature Valuation: People's Need for Contact with Nature - Roger Ulrich, Texas A&M University

Conservation Protection Concepts - Randall Arendt, Greener Prospects, Rhode Island.

Questions & Answers and Wrap-up- Jon Rodiek

**10:15-10:30 AM**-- Break, Gallery (outside of Trinity Ballroom), Harvey Hotel

**10:30-11:00 AM**-- Report on synthesis of strategies categorized into key areas, Tim Davis, Vic Gibeault, and Jim Brenner

**11:00-11:30 AM**-- Concluding remarks & Call to action by Bob Moser (Dean, College of Food, Agricultural, and Environmental Sciences, Ohio State University)

**12:00 NOON-3:00 PM**– Organizing Committee meets to evaluate symposium and decide on follow-up actions, ~~Live Oak~~ Room, Harvey Hotel

*Cottonwood*

**3:00-5:00 PM**– National Urban Task Force meeting, Bonnie McGee (Chair), Texas A&M University Research and Extension Center

**THANKS TO ALL SYMPOSIUM PARTICIPANTS!**