

Robert E. Zabawa, Research Professor and Coordinator of Social Science and Rural Development Research, George Washington Carver Agricultural Experiment Station, 100 Campbell Hall, Tuskegee University, Tuskegee, AL 36088, Coordinator Agricultural and Natural Resource Economics Program, College of Agriculture, Environment and Nutrition Sciences, PH: 334-727-8114; FAX: 334-724-4451; Email: zabawar@mytu.tuskegee.edu

PROFESSIONAL PREPARATION:

Post-graduate courses in agricultural economics, economics and statistics, University of Florida (1984-1985); Ph.D., Northwestern University, Anthropology (1984); M.A., Northwestern University, Anthropology (1979); A.B., College of William and Mary, Anthropology (1978).

APPOINTMENTS:

Research Professor and Coordinator Agricultural and Natural Resource Economics Program (2008-present); Coordinator of Social Science and Rural Development Research, G.W. Carver Agricultural Experiment Station, Tuskegee University, AL (1997-present); Affiliate Professor, Department of Agricultural Economics and Rural Sociology, Auburn University, AL (1999-present); Research Assistant Professor, Research Associate Professor and Coordinator of Social Science and Rural Development Research, G.W. Carver Agricultural Experiment Station, Tuskegee University, AL (1991-1997); Adjunct Faculty, Department of Sociology, Tuskegee University (1989-present); Assistant Professor, Department of Sociology, Tuskegee University (1987-1989); Research Assistant Professor G.W. Carver Agricultural Experiment Station, Tuskegee University (1985-1987); Research Assistant, Food and Resource Economics Department, University of Florida (1981-1985); Research Assistant, Department of Psychology, Hampton University (1980-1981).

HONORS:

Competitive Paper Award for “Integrated Natural and Human Systems for African American Farmers: A Pilot Case Study of the Black Belt Region of Alabama.” Association of Extension Administrators/Association of Research Directors (AEA/ARD) Land Grant Conference (2008); Excellence in Service Award for Outstanding Service as Co-Editor Southern Rural Sociological Society for Southern Rural Sociology (2007); Fellow of the Joseph P. and Rose F. Kennedy Institute of Ethics, Georgetown University (2005); Tuskegee University Faculty Achievement Award (1999-2000); Alabama Agribusiness Development Award (1999); Southern Rural Sociological Association Excellence in Research Award (1999); Faculty Performance Award for Research, College of Agricultural, Environmental and Natural Sciences, Tuskegee University (1995); Faculty Performance Award for Outreach, College of Agricultural, Environmental and Natural Sciences, Tuskegee University (1994); Fulbright – Hays Fellowship, Gender in West African Development – Senegal and The Gambia, 1989.

PUBLICATIONS:

Zabawa, R. and T. Hargrove (2012). *Flint River Farms Resettlement Community*. New Georgia Encyclopedia. <http://www.georgiaencyclopedia.org/nge/Article.jsp?id=h-3803>

Shange, R. S., A. O. Ankumah, A. M. Ibekwe, R. Zabawa and S. E. Dowd. (2012). Distinct Soil Bacterial Communities Revealed under a Diversely Managed Agroecosystem. *PLoS ONE* 7(7): e40338. doi:10.1371/journal.pone.0040338.

Shange, R. S., R. O. Ankumah, L. Githinji and R. Zabawa. (2012). Spatial Assessment of Selected Soil Properties within an Industrial Poultry Production Site. *Journal of Air, Soil and Water Research* 2012(5): 59-68.

Tackie, N.O., D. Yeboah, N. Baharanyi, R. Zabawa, M. Ngandu, H.J. Findlay, and E. Bonsi. (2011). *An Analysis of Earned Income Tax Credit Filers and Earned Income Tax Credit Non-Filers in Rural Communities*. *Journal of Rural Social Sciences* 26 (2): 1-29.

Zabawa, R. (2009). *Prairie Farms Resettlement Community*. The Encyclopedia of Alabama. <http://www.encyclopediaofalabama.org/face/Article.jsp?id=h-2148>

Zabawa, R. (2008). *Tuskegee Institute Movable School*. The Encyclopedia of Alabama. <http://encyclopediaofalabama.org/face/Article.jsp?id=h-1870>

Jordan, Jeffrey L., Edward “Jerry” Pennick, Walter A. Hill, and Robert Zabawa (eds.). (2009). *Sustainable Agriculture and African Americans: Land and Power in Land and Power: Sustainable Agriculture and African Americans: A Collection of Essays from the 2007 Black Environmental Thought Conference*. SARE/USDA.

Hargrove, Tasha M. and Robert Zabawa (2009). *The Physical and Social Environment of African American Agricultural Communities of the New Deal Resettlement Administration in Land and Power: Sustainable Agriculture and African Americans: A Collection of Essays from the 2007 Black Environmental Thought Conference*. SARE/USDA.

Oxfam America and Robert Zabawa, Tasha Hargrove, Ntam Baharanyi and Richard Levins. 2007. *Shut Out: How US Farm Programs Fail Minority Farmers*. Oxfam America, Boston, MA., pp. 13.

Kebede, E., P. Duffy and R. Zabawa . 2006 The Effect of Ethanol Production on Agricultural Production in the State of Alabama. *Journal of Agricultural and Applied Economics*.

Schelhas, John, Robert Zabawa and Joseph Molnar. 2003. New Opportunities for Social Research on Forest Landowners in the South. *Southern Rural Sociology* 19(2):60-69.

Zabawa, Robert and Sarah Warren, 1998. From Company to Community: Agricultural Community Development in Macon County, Alabama, 1881 to the New Deal. *Agricultural History* 72(2):459-486.

Warren, Sarah and Robert Zabawa. 1998. The Origins of the Tuskegee National Forest: Nineteenth- and Twentieth- Century Resettlement and Land Development Programs in the Black Belt Region of Alabama. *Agricultural History* 72(2):487-508.

Zabawa, Robert, Ntam Baharanyi and Mbedja Amougou. 1994. Factors Associated with Black-Owned Landloss. *Journal of Agricultural and Food Information* 2(4):23-41.

Findlay, Henry, Robert Zabawa, Carlton Morris and Mercy Oben. 1993. Computer Awareness Among Limited-Resource Farmers. *Journal of Extension* 31 (Spring):22-23.

Zabawa, Robert and Ntam Baharanyi. 1992. Estate Planning Strategies and the Continuing Phenomenon of Black- Owned Land Loss. *The Rural Sociologist* 12(3):13-23.

Zabawa, Robert. 1991. The Black Farmer and Land in South-Central Alabama: Strategies to Preserve a Scarce Resource. *Human Ecology* 19(1):61-81.

Zabawa, Robert, Arthur Siaway and Ntam Baharanyi. 1990. The Decline of Black Farmers and Strategies for Survival. *Southern Rural Sociology* 7:106-121.

Zabawa, Robert. 1989. Government Programs, Small Farm Research, and Assistance for Limited Resource Black Farmers in Alabama. *Human Organization* 48(1):53-60.

Zabawa, Robert. 1987. Macro-Micro Linkages and Structural Transformation: The Move From Full-Time to Part-Time Farming in a North Florida Agricultural Community. *American Anthropologist* 89(2):366-382.

Gladwin, Christina H. and Robert Zabawa. 1985. Survival Strategies of Small, Part-Time Black Farmers: A Response to Structural Change. *Agriculture and Human Values* 2(3):49-56.

Gladwin, Christina H. and Robert Zabawa. 1984. Microdynamics of Contraction Decisions: A Cognitive Approach to Structural Change. *American Journal of Agricultural Economics* 66(5):829-835.

Zabawa, Robert and Christina Gladwin H. 1983. Using Anthropological Tools to Understand Florida's Farming Systems and the Survival of Florida's Small Farmers. *Florida Journal of Anthropology* 8(2, pt.2):37-65.

SELECTED GRANTS: (Principal Investigator, Co-Principal Investigator, and Investigator)

- Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers. USDA, 10/12/09-09/30/13, \$300,000. R. Zabawa, PI; N. Baharanyi and M. Robinson, Co-PIs

- Sustainable Technologies for Orange and Purple Sweetpotatoes (STOPS) in Ghana. USAID/HortCRSP, 06/01/12-08/31/14, \$250,000. E. Bonsi, PI, C. Bonsi, R. Zabawa, P. Doamekpor, and Desmond Mortley Co-PIs.
- Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers. USDA, 10/01/11-09/30/12, \$400,000. R. Zabawa, PI; N. Baharanyi and M. Robinson, Co-PIs
- Nutritional and Economic Enhancement of Ghanaian Traditional Diets Using the Orange Flesh Sweetpotato (OFS) Products, USAID/HortCRSP, 01/01/10-12/31/10, \$150,000. E. Bonsi, PI, C. Bonsi, R. Zabawa and P. Doamekpor, Co-PIs.
- Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers. USDA, 10/01/10-09/30/11, \$400,000. R. Zabawa, PI; N. Baharanyi and M. Robinson, Co-PIs
- Community Enhanced Head Start/Healthy Start by Kindergarten (HS/HS by K) Program, USDA/CYFAR, 10/01/09-9/30/12, \$660,000. E. Bonsi, PI, R. Zabawa, Prosper Doamekpor and Kathleen Tajou Co-PIs.
- Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers. USDA, 10/01/09-09/30/12, \$300,000. R. Zabawa, PI; N. Baharanyi and M. Robinson, Co-PIs.
- Enhancing the Long-Term Sustainability and Profitability of Small, Limited Resource Farmers in the Black Belt South Through Marketing Research and Education, USDA SARE, 04/01/08-03/31/10, \$122,000. T. Hargrove PI, R. Zabawa, Co-PI.
- Reducing Marketing and Financial Risk of Limited Resource, Socially Disadvantaged Farmers in the Alabama Black Belt Region Through Technical and Outreach, Assistance, USDA Risk Management Agency, 10/01/07-09/30/09, \$125,630. T. Hargrove PI, R. Zabawa, Co-PI.
- Training for Sustainable Community Development, Phase III, PI, Southern Region Sustainable Agriculture Research and Education Program (SARE) and the Southern Rural Development Center (SRDC), 01/01/08-01/06/09, \$10,000. R. Zabawa, PI; T. Hargrove, Co-PI.
- Toward Equality and Diversity in US Agricultural Policy II, PI, Oxfam America, 04/30/08-03/31/09, \$10,000. R. Zabawa, PI; N. Baharanyi and T. Hargrove, Co-PIs.
- Building a Coalition in Southern Black Belt States for an Inclusive Asset-Building Policy and Program Agenda: Focus on Victims of Hurricanes, Persistent Poverty and Black-Owned Landloss, Ford Foundation 08/01/08-07/31/10, \$800,000. N. Baharanyi, PI; R. Zabawa and A. Paris, Co-PIs.
- Facilitating Scientific Exchange to Advance Forestry Research Related to Minority and Limited Resource Landowners in Alabama, PI, USDA Forest Service 08/28/07-08/15/09, \$15,000. PI also has another \$200,000 in grants from the USDA Forest Service from 1993 – present investigating the social implications of minority land ownership, forest use and estate planning. R. Zabawa, PI and J. Schelhas, Co-PI.
- Building a Coalition in Southern Black Belt States for an Inclusive Asset-Building Policy and Program Agenda: Focus on Victims of Katrina, Rita and Other Recent Hurricanes and Black-owned Landloss; Ford Foundation; 6/1/05-5/31/06; \$500,000. N. Baharanyi, PI; R. Zabawa, Co-PI.
- Integrated Natural and Human Systems for African American Farmers; National Science Foundation; 9/01/05-2/28/07; \$99,914. R. Zabawa, PI and B. Vaughan, Co-PI.
- Center for Minority Land and Community Security; USDA/Fund for Rural America; 1/15/00-1/31/04; \$3,505,200. R. Zabawa, PI and N. Baharanyi, Co-PI.
- Maintaining the Estate of Limited Resource Forest Landowners; USDA/Forest Service; 9/1/98-5/31/2000; \$40,000. R. Zabawa, PI.

- Small Producer Needs Assessment Survey; USDA/Food Safety and Inspection Service; 8/15/97-8/14/99; \$187,510. L. Billups, PI and R. Zabawa, Co-PI.
- Resettlement, Reforestation and Community Development in Alabama; USDA/Forest Service; 9/15/96-12/31/98; \$18,074. R. Zabawa, PI.
- The Determinants of Non-Participation of African-Americans in the Food Stamp Program in Selected Alabama Black Belt Counties; USDA/Food and Consumer Service; 9/30/96-12/8/98; \$50,000. R. Zabawa, PI.
- Enhanced Sweetpotato Production: Ghanaian Women Small Farmers' Access to Family Nutritional and Economic Well-Being; USAID; 9/95-9/98; \$96,854. E. Bonsi, PI, R. Zabawa and P. David, Co-PIs.
- The Enhancement of Post-Production to Consumption Systems in Belize; Ministry of Agriculture, Government of Belize; 2/96; \$5,000. R. Zabawa, PI, E. Bonsi and P. David, Co-PIs.
- Evaluation of Sweetpotato Cultivars for Foliage Consumption in Ghana; USDA/Foreign Agriculture Service; 2/28/95-12/31/95; \$10,000. E. Bonsi, PI, R. Zabawa and P. David, Co-PIs.
- Small Farmer Outreach, Training and Technical Assistance Project; USDA/Office of Outreach (previously: FmHA, FSA, NRCS); 3/1/93 to present (renewable); \$1,516,081. R. Zabawa, PI, N. Baharanyi and M. Robinson, Co-PIs.
- Assessment of Housing Needs for Low Income Families in the Alabama Black Belt; USDA/Farmers Home Administration; 9/27/94-6/30/95; \$50,000. R. Zabawa, PI.
- Socio-Demographic Profile of Landowners Adjacent to the Tuskegee National Forest; USDA/Forest Service; 1995- 1997; \$54,000. R. Zabawa, PI.
- The Effects of Social Support Agents on Young Adult Black Males; USDA/Capacity Building Grants Program; 4/1/92-8/31/95; \$222,071. R. Zabawa, PI.
- An Examination of Forestry-Related Sociological and Socio-Economic Research Needs in the Mid-South; USDA/Forest Service; 1993-present; \$30,000. R. Zabawa, PI.
- The Minority Trainer of Trainer Program (for local leadership development); W.K. Kellogg Foundation/Virginia Polytechnic Institute and State University; 1/12/91-12/31/93; \$138,500. R. Zabawa, PI.

SYNERGISTIC ACTIVITIES:

In the 1930s, the USDA set up rural Resettlement Communities throughout the United States where low-income residents, tenants and share-croppers were given access to land, houses, barns and other outbuildings at low re-payment rates to start a new life. Approximately 12 of these communities in the South were all-African American. Through a series of grants and partnerships with North Carolina State University, the University of Wisconsin - Madison, and community-based organizations, we have examined how this program impacted farming, landownership, and community building over the ensuing 75 years. By working with local leaders and the descendants of the original settlers, communities have begun to take advantage of their history and form local organizations, obtain historical site status, and hold fundraisers to support community development activities.

For over fifteen years a multidisciplinary team of social, nutrition, and plant scientists with international partners from the University of Ghana - Legon, the Food Research Institute (Accra), the Crop Research Institute (Kumasi) and the Savannah Agricultural Research Institute (Tamale), has looked at the impact of enhanced sweetpotato production on nutrition and income in Ghana, West Africa. The original focus of the research, in the Volta Region, was to emphasize the consumption of the whole plant, but mainly the consumption of the green leaves as a source of iron. An additional focus was the development of new products using traditional and innovative recipes for both the root and leaves. Outcomes of this research at the village level include the increased production, marketing and consumption of sweetpotato roots and leaves, the awarding of "Farmer of the Year" at the district and regional levels to one of the participating farmers, the inclusion of recipes using sweetpotato in local school home economics classes, and the adoption of these recipes outside the original village/district area. Recent activities now include examining the release and adoption of an orange flesh sweetpotato variety with vitamin A benefits.

AREAS OF EXPERTISE:

Research: Domestic research expertise includes small-scale and minority farming systems with an emphasis on land ownership, subsistence and low-scale production, family networks, land tenure issues and resettlement. International research expertise includes agricultural development, production decision making based on gender, subsistence and cash cropping, and marketing strategies in Africa (Ghana, Tanzania, Senegal) and Central America (Belize).

Outreach: Outreach activities include community and small farm needs assessment, evaluation, and program impact assessment in the areas of rural community development, rural housing, food stamp program participation, small farm program access, and small farm production and food safety.

Leadership: Coordinator, Social Science and Rural Development Research; Director, Small Farmer Outreach, Training and Technical Assistance Project; Technical Committee for Sustainable Agriculture Research and Education (SARE)--Southern Region, Team member: Alabama Consortium for Forestry Education and Research; and the Southern Food Systems Education Consortium; Co-Editor, Proceedings of the annual Professional Agricultural Workers Conference (1990-present); Program Chair, Southern Rural Sociological Association (2012-2013).