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### **Current Employment:**

- \* Associate Professor Emeritus of Community Development & Applied Economics, Jan, 2022 to present.
- \* Principal Investigator, *Farmworker Housing Repair Loan Fund*
- \* Co-Principal Investigator. *Small Ruminant Dairy Development and Milk Quality*.
- \* Co-Principal Investigator. *Manufactured Home Communities Flood Resilience Planning*
- \* University of Vermont Food Systems Graduate Faculty, 2020 to present
- \* University of Vermont Graduate Faculty, 2007 to present

### **Research Interests, Experience and Current Professional Activities**

My research takes an action research approach to understanding the challenges of vulnerable communities to design projects and policy that improves their lives, reduces vulnerability and builds resilience. My work has engaged with people and communities experiencing multiple, interconnected challenges to assist with complex problems of poverty, exposure to natural disasters, occupational risks, housing and economic development. Current projects involve climate change resilience for mobile home parks, improvements to farmworker housing, occupational safety, mental health and well-being in the dairy sector.

Technology Transfer to Honduras. This on-going technology transfer project involves the design, transfer and adaptation of evaporator technology to the needs of small-scale rural sugarcane processors in Honduras. Expertise in small-farmer organization, micro-lending and project evaluation. USAID video and interview (Spanish): <https://www.youtube.com/watch?v=Wqixo1il3Ew>

### **Education:**

- \* Ph.D., School of Natural Resources, University of Vermont. 2007. Dissertation title: *Transdisciplinary Action Research and Ecological Development: A General Model and Case Studies in the United States and Honduras*.
- \* Certificate in Ecological Economics. 2007. Gund Institute for Ecological Economics, University of Vermont.
- \* Masters Degree in Agricultural Economics, University of Vermont, May 1995. Thesis title: *Evaluating Sustainable Development at the Town Scale in Vermont*
- \* Bachelor of Arts: Philosophy, June 1989. Burlington College, Burlington, VT
- \* Antioch College, Yellow Springs, OH. September 1979 - May 1980, September 1981 - May 1982

### **Awards**

- \* 2023 - Nominated by FEMA and a national award for our work on the Vermont Manufactured Housing Community Flood Risk Assessment . Details pending.
- \* 2013- Joseph E. Carrigan Award for Excellence in Teaching and Undergraduate Education. The award “recognizes outstanding effort and achievement in undergraduate teaching, student advising, and undergraduate education.”
- \* 2012-North American College & Teachers of Agriculture (NACTA) Teaching Award of Merit.
- \* 2010 -Vermont Campus Compact's 2010 Campus/Community Partnership Award. “This award is given each year to one exemplary collaboration between a campus and community partner. The award recognizes an established partnership that works in mutually beneficial ways to produce measurable improvements in people’s lives and enhance learning in the process. This award highlights a model partnership characterized by rich and meaningful relationships that has enriched the outcomes for both campus and community in a number of ways and over a number of months or years.” Vermont Campus Compact
- \* 2006-Outstanding Service-Learning Faculty Award for “excellence and innovation providing service-learning that supports students and the community” - UVM Community-University Partnerships Service-Learning.
- \* 2003 -Kroepsch-Maurice Excellence in Teaching Award – A prestigious University-wide award involving

student nominations and faculty evaluations.

\*2000- Vermont Land Trust's 2000 Richard W. Corbin Community Conservation Award. Presented at the VLT annual meeting, July 2000. This award recognizes commitment and success in the conservation of agricultural lands and natural areas in the State of Vermont.

### Peer-Reviewed Journal Articles

\* Hamshaw, K., **Baker, D.** ( 2024) Manufactured Housing Communities & Climate Change: Key Considerations and Opportunities for Emergency Managers. *Journal of Emergency Management*. 22(7):87-99.

doi: 10.5055/jem.0845

\* **Baker, D.**, Kades, J., Kolodinsky, J., Belarmino, E. (2021) Dairy is Different: Latino Dairy Worker Stress in Vermont. *Journal of Immigrant and Minority Health*, 23(5), 965-975 DOI 10.1007/s10903-021-01232-5

\* Robinson, K., Conner, D., **Baker, D.**, Tuck, A., Abrams, L., McAneny, A., Frankenfield, R., & Warner, C. (2021). College student demand for humanely raised livestock product: Evidence from Vermont. *Journal of Foodservice Management & Education*, 15(2).

\* Wolcott-MacCausland, N., Mares, T. & **Baker, D.** (2019) Health by mail: mail order medication practices of Latinx dairy worker households on the northern US border. *Agriculture and Human Values*.

<https://doi.org/10.1007/s10460-019-09962-x>

\*Gerlicz, A., Mendez, E., Connor, D. **Baker, D.**, & Christel, D. (2018) Use and Perceptions of Alternative Economic Activities Among Smallholder Coffee Farmers in Huehuetenango in El Quiché Departments in Guatemala. *Agroecology and Sustainable Food Systems*

\* **Baker, D.** (2017) Ecological panela production in Honduras: a lighter footprint for non-centrifugal sugar. *Cogent Food and Agriculture* 3: 1372684

\* **Baker, D.**, S. Hamshaw, K. Hamshaw (2014) Rapid Flood Exposure Assessment of Vermont Mobile Home Parks Following Tropical Storm Irene. *Natural Hazards Review*. 15:1, 27-37

\* **Baker, D.** and D. Chappelle (2012) Health Status and Needs of Migrant Farm Workers in Vermont. *Journal of Agromedicine* 17:3, 277-287

\***Baker, D.** and D. Chappelle (2012) In Vermont, *Se Habla Español*: Using Occupational Spanish to Help Dairy Farmers Manage a Changing Workforce. *Journal of Extension*. 50:3

\* **Baker, D.**, K. Hamshaw, C. Beach. (2011) A Window Into Park Life: Findings From a Resident Survey of Nine Mobile Home Park Communities in Vermont. *Journal of Rural and Community Development*. 6:2, 53-70

\* **Baker, D.**, K. Hamshaw, J. Kolodinsky, (Dec. 2009) Who Shops at the Market? Using Consumer Surveys to Grow Farmers' Markets: Findings from a Regional Market in Northwestern Vermont. *Journal of Extension*. 47:6

\* Kolodinsky, J.; **D Baker**; C. Koliba, N. McMahon, T Patterson. (2009). Moving Toward a Transdisciplinary Approach in the Land Grant System. *NACTA Journal*. North American College and Teachers of Agriculture. 53:2, 34-42

\* **Baker, D.** & Refsgaard, K. (2007) Institutional Development and Scale Matching in Disaster Response Management. *Ecological Economics*. 63:2-3, 331-343.

\* Farley, J., **Baker, D.** Batker, D., Koliba, C., Matteson, R., Mills, R. and Pittman, J. 2007. Opening the Policy Window for Paradigm Shifts: Katrina as a Focusing Event. *Ecological Economics*. 63:2-3, 344-354.

\* **Baker, D.** (2006) Ecological Development Through Service-Learning. *Journal of Higher Education Outreach and Engagement*. v.11 n.1 p.145-159

### Book Chapters

O' Hara, S. & **Baker, D.** (2020) Local Economies - Leading the Way to an Ecological Economy. Book chapter in Costanza, R., Erickson, J., Farley, J., & Kubiszewski, I. (Editors) *Sustainable Wellbeing Futures: A Research and Action Agenda for Ecological Economics*. Edward Elgar Publishing, Northampton, MA. DOI 10.4337/9781789900958

### Other Publications

\***Hamshaw, K.**, Baker, D., Degreenia, M., Erickson, D., O'Neil-Dunne, J., Gerrity, R., Dibble, R., and Kibuey, S. (2023). Vermont Manufactured Home Parks Flood Risk Assessment. VT Department of Environmental Conservation, Montpelier, VT.

- \*Wolcott-MacCausland, N., **Baker, D.** (2023) Assessment Of Access To, Utilization Of, And Unmet Needs Surrounding Mental Health And Related Support Services For Migrant Farmworkers. Report submitted to the Vermont Agency of Agriculture and the Farmer Rancher Stress Assistance Network 12/30/23
- \*Beckford, R., **Baker, D.**, Meehan, K., Moser, M., Smith, Z., Whitehouse, C., Finley-Woodruff, K. (2023) Understanding the Challenges & Opportunities of an Expanding Dairy Goat Sector in Vermont. Report Submitted to Vermont Creamery and the Northeast Dairy Business Innovation Center. 12/6/23
- \***Baker, D.** & Meyerhoff, A. (2023) ¿Quieres saber lo que pensamos? You want to know what we think? Migrant Dairy Workers' Views on Farm Safety. Poster presented at the International Society for Agricultural Safety and Health Annual Conference. Tampa, FL. June 19, 2023
- \*Gressman K., **Baker D.**, Robinson K, Wells K. (2022) Vermont Farm Healthcare Access: Lessons Amplified During COVID-19. Poster presented at: Health Equity Conference. The National Rural Health Association; 2022 May 10; Albuquerque, New Mexico.
- \* **Baker, D.** and Davis, J. (2022) Creating a Culture of Farm Safety. Agriview. Vermont Agency of Agriculture. Montpelier, VT. Vol. 86 no. 5. May, 2022.  
<https://agriculture.vermont.gov/sites/agriculture/files/May%202022%20Agriview%20for%20web.pdf>
- \***Baker, D.** (2021) Vermont Migrant Dairy Farmworker Housing Brief. Dept of Community Development & Applied Economics, University of Vermont. [https://www.uvm.edu/sites/default/files/Community-Development-and-Applied-Economics/Vermont\\_Dairy\\_Farmworker\\_Housing\\_Brief.pdf](https://www.uvm.edu/sites/default/files/Community-Development-and-Applied-Economics/Vermont_Dairy_Farmworker_Housing_Brief.pdf)
- \* Kolodinsky, J., **Baker, D.**, Roche, E., Pazuniak, O., Kades, J. (2017) Assessment of the market for energy-efficient factory-built homes sold in Vermont. Center for Rural Studies. Research report prepared for Vermont Energy Investment Corporation and the Vermont Housing & Conservation Board
- \* Luciano, P., **Baker, D.**, Hamshaw, K. and Riegler, N. (2013) Report on the Viability and Disaster Resilience of Mobile Home Ownership and Parks. Vermont Dept. of Housing and Community Development. Montpelier, VT
- \***Baker, D.** (2013) Latino Dairy Workers in Vermont *Communities & Banking* 24: 2, 5-7. Federal Reserve Bank of Boston.
- Shea, E. and **Baker, D.** (2014) *Bedbugs (Don't Have to Be) On the Farm*. Agriview. Vermont Agency of Agriculture. Montpelier, VT. Vol. 78 no. 4. April 25, 2014.
- \***Baker, D.**, Hamshaw, K. & Woodward, S. (2012). *Vermont Mobile Home Parks: Resident Demographics [Fact Sheet]*. Vermont Mobile Home Park Research Collaborative. University of Vermont: Burlington, VT
- \***Baker, D.**, Hamshaw, K. & Woodward, S. (2012). Vermont Mobile Home Parks: Information for Emergency Planners [Fact Sheet]. Vermont Mobile Home Park Research Collaborative. University of Vermont: Burlington, VT
- \* **Baker, D.** (1999) Diversifying an Organic Grain System: Spring Wheat and Edible Bean Variety Trials. Results published in Northeast SARE "*Innovations*"
- \* Altemose, C., Senesac, J., **Baker, D.** (1998) Forage Soybean and Corn Research Trial, *UVM Crops*, University of Vermont. 1-9

### Academic Presentations

- \***Baker, D.** (2025) *Gaps in Migrant Dairy Farmworker Health and Safety Training Needs: Results from a recent survey in Vermont and New York*. Presentation at the 2025 International Society for Agriculture and Health. Portland, ME. June 24, 2025
- \*Lemcke-Stampone, M.D., S. Birkel, E. Johnson, L.A. Dupigny-Giroux, **D. Baker**, and K. Hamshaw. (2025) *Collaborating for Climate Resilient Manufactured Housing Communities Across Northern New England* [poster] Presented at the 105th Annual American Meteorological Society Meeting 2025. New Orleans. January 12-16, 2025
- \* **Baker, D.** & Ghalehgolabbahani, A. (2021) What Saffronnet Can Tell Us about the growth of a "new" specialty crop niche: Preliminary Results. Presented at the North American Center for Saffron Research & Development workshop. University of Vermont, Burlington, VT Nov. 15, 2021
- \*Gressman, K., **Baker, D.**, Wells, K. & Robinson, K. (2021) *Vermont Farm Emergency Health Response - Evaluating and Mitigating the Pandemic's Impact on Migrant Farmworkers*. Presented at the Society for Academic Emergency Medicine Annual. May 11, 2021
- \*Gressman, K., **Baker, D.**, Wells, K. (2021, March). Addressing the Impact of COVID-19 on Migrant Farmworkers - Rapid Assessment and Training for Farm Emergency Health Response in Vermont, United

States. [Poster presentation]. Consortium of Universities on Global Health 2021, Virtual.

\***Baker, D.** and Tobin, D. (Oct. 8, 2019) *Transitioning an international program model from Honduras to Peru*. Engagement Scholarship Consortium 2019. Denver, CO

\***Baker, D.** (2018) *Counting on Latino Labor in a small dairy-dependent state: Vermont dairy farmers perspective on working with a more diverse labor force*. Agriculture, Food, and Human Values Society and Association for the Study of Food and Society 2018 Annual Meeting. Madison, WI

\***Baker, D.,** Hamshaw, K., Lowry, D. (2014) *Role of Emergency Management in Mobile Home Parks*. Presentation to the International Association of Emergency Managers. San Antonio, TX. Nov. 17, 2014

**Baker, D.** (2014) *Self-assessed health care issues of Latino dairy farmworkers in Vermont*. Individual presentation as part of a panel titled "Farmworker Wellbeing in New England's Dairies" at the Association for the Study of Food & Society Annual Conference. Burlington, VT. June 19, 2014

\* **Baker, D.,** Hamshaw, K., Hamshaw, S. (2013) *Building Resilience to Disaster: Learning from the Experience of Vermont's Mobile Home Parks in Tropical Storm Irene*. Poster Presentation at the Hazards Research & Applications Workshop. Natural Hazards Center. Boulder, CO. July 2013

\* **Baker, D.** (2012) *Resilience as a Strategy for Change in Vermont's Mobile Home Parks*. Presented at the Regional Adaptation to Climate Change Scenario Development Workshop. Burlington, VT. November 13, 2012

\***Baker, D.,** Hamshaw, K., Hamshaw, S. (2013) *Building Resilience to Disaster: Learning from the Experience of Vermont's Mobile Home Parks in Tropical Storm Irene*. Poster presented at the Natural Hazards Conference. July, 13, 2013, Boulder Colorado

\* **Baker, D.;** Merrill, J. and Muñoz, D. (2010) *Community Development & Engineering: Perspectives On Interdisciplinary Projects In Honduras*. Peer reviewed paper presented at the American Society for Engineering Education Conference. Louisville, KY. June 21-23, 2010.

\***Baker, D.** and Hamshaw, K. (2010) *Project Management Tools & Strategies For Service-Learning Courses*. Presented at Vermont Campus Compact Annual Conference. Burlington, VT April 14, 2010

\* **Baker, D.** and Merrill, J. (2009) *Community Development and Engineering: Perspectives on Interdisciplinary Projects in Honduras*. Poster presented at the National Outreach Scholarship Conference, University of Georgia. Sept. 28-30, 2009

\* **Baker, D.** and Mason, N. (2008) American Association for Sustainability in Higher Education (AASHE) Nov. 2008. *Progress along the path of transdisciplinary action research. Experiences and challenges in the integration of engineering and community development to address water quality issues in rural Honduras*. Raleigh, North Carolina

\* **Baker, D.** (2008) Northern New England Chapter of the American Planning Association. Sept. 2008. *Trends in Hispanic Migration and Opportunities for Local Planning*. Woodstock, VT

\*Gregory, L., **Baker, D.,** McCorkindale, T., (2007) *The Message of 'The Poverty of Philosophy': Rap-Inspired critical communication in non-minority classrooms*. Awarded Top Interactive Paper, Ethnicity and Race in Communication Interest Group, 57<sup>th</sup> Annual Conference, International Communication Association, San Francisco, CA. May 2007

\* **Baker, D.** (2007) Fostering Global Citizenship in Higher Education Conference. Nov. 2007. *Ensuring academic rigor in International Service Learning Programs*. Brattleboro, VT

\***Baker, D.** (2006) American Association for Sustainability in Higher Education (AASHE) *Water as a Bridge to Sustainable Development* Tuscon, AZ Oct. 5-6, 2006. Phoenix, AZ

\***Baker, D.** (2005) National Outreach Scholarship Conference (NOSC) *Ecological Development Through Service Learning*. University of Georgia, Athens, Georgia, Oct. 2-4, 2005

### **Invited & Professional Presentations**

\***Baker, D.** (2024) *Evolving approaches & learning process to improve farmworker housing*. Presented at the 2024 Vermont Statewide Housing Conference. South Burlington, VT. Nov. 14, 2024

\* **Baker, D.** (2023) *Research and Projects on Migrant Dairy Farmworker Safety*. Presented to the Vermont Agency of Agriculture, Food and Markets (Nov. 9, 2023) On-line, Montpelier, VT

\* **Baker, D.** (2023) *Migrant Dairy Farmworker Perspectives on Occupational Injury*. Presented to the Vermont Farm Injury and Health Coalition October 20, 2023

\* **Baker, D.** (2023) *Health and Safety Priorities for Migrant Dairy Farmworkers: On-going projects and interim findings*. Presented to the Champlain Valley Farmers Coalition. June 6, 2023. Middlebury, VT

- \* Wolcott-MacCausland, N., **Baker, D.** (2022) *What we know about migrant farmworker mental health and wellbeing including provision and utilization of services in Vermont. A preliminary assessment and discussion draft.* White paper and facilitation of statewide stakeholder meeting. UVM Extension, Dec. 16, 2022
- Baker, D.** (2022) Panelist. Farmworker Session. Vermont Farm to Plate Annual Gathering. Nov. 2022. Killington, VT
- Baker, D.** (2022) Research and Projects to Improve Conditions for Latinx Dairy Farmworkers and Dairy in Vermont. Presented to the UVM Extension Vermont Migrant Programs Statewide Meeting. Berlin, VT May 18, 2022
- \***Baker, D.** (2021) Advancing Health and Safety on Vermont Dairies. Presented to the Champlain Valley Farmer Coalition. On-line presentation. Nov. 3, 2021
- \***Baker, D.** (2021) Vermont Dairy: Opportunities for Health, Safety and Well-Being. Presented to the Champlain Valley Farmer Coalition. On-line presentation,. Sept. 1, 2021
- \* **Baker, D.** (2021) Vermont Latinx farmworkers: Challenges and Opportunities. Presented to the Food Systems Issues & Solutions Seminar, University of Vermont. March 3, 2021
- \***Baker, D;** Wells, K; Gressman, K. (2021) *Vermont Latinx Dairy Workers: Health Challenges, Opportunities and Initiatives.* Presented at Lerner School of Medicine Grand Rounds, University of Vermont Medical Center. Burlington, VT Jan. 11, 2021
- \* **Baker, D.** (2020) *Dairy Farmworker Housing Perspectives from Latino Farmworkers and Dairy Farmers.* Presented at the Vermont Farmworker Housing Group (on-line). Sept. 2020
- \***Baker, D. & Kades, J.** (2018) *Vermont Latino Farmworker Stress Survey.* Presented at the Vermont Dairy Labor Forum. University of Vermont. Sept. 12, 2018.
- \***Baker, D. & Irwin, E.** (2018) *Vermont Dairy Farmers Opinions on Agricultural Labor.* Presented at the Vermont Dairy Labor Forum. University of Vermont. Sept. 12, 2018.
- \***Baker, D.** (2018) *Trends in Vermonters Opinions on Latino Migrant Labor.* Presented at the Vermont Dairy Labor Forum. University of Vermont. Sept. 12, 2018.
- \***Baker, D.** (2017) *Vermont Partners of the Americas: What We've Done and Where We Hope to Go.* Presented at the Honduras Partners Conference. Vermont Law School, April 7, 2017
- \***Baker, D.** (2016) *What is Community Development?.* Presentation to the Community Development Ecosystems Summit. University of Vermont. Oct. 25, 2016
- \***Baker, D.,** Heath, R. (2016) *Mobile Home Parks in Local Emergency Operations Plans.* Presentation to Chittenden County, Vermont Local Emergency Planning Committee #1. Winooski, VT. April 12, 2016
- \***Baker, D.,** Hamshaw, K., Woodward, S. (2014) *Lessons from Vermont's CAT2 for Emergency Preparedness for Mobile Home Park Communities.* Presented at the Vermont Emergency Management Conference. Fairlee, VT Sept. 18, 2014
- \*Hamshaw, S. and **Baker, D.** (2014) *Access To, and Use Of, Maps in Community Planning.* Presented at the Vermont GIS Mapping Forum. Colchester, VT June 11, 2014
- \***Baker, D.,**Hamshaw, K., Woodward, S. (2013) *Emergency Preparedness for Vermont's Mobile Home Park Communities.* Presented at the Vermont Emergency Management Conference. Fairlee, VT Oct. 18, 2013
- \***Baker, D.** (2013) *Issues and Strategies for Building Resilience in Vermont's Mobile Home Parks.* Presentation to the Vermont Mobile Home Park Roundtable. University of Vermont. March 1, 2013
- \* **Baker, D.,** Hamshaw, K., Woodward, S. (2013) *Emergency Planning for Resilient Mobile Home Parks: Issues for LEPC 11.* Presented to the Local Emergency Planning Committee #11. Jeffersonville, VT. February, 19, 2013
- \*Shea, E. & **Baker, D.** (2013) *Keeping Up with VT Farm Labor: H2A, Immigration Policy & the Immigrant Dairy Worker.* Presented at the Northeast Organic Farming Association (NOFA) Conference. Burlington, VT. 2/17/13
- \* **Baker, D.** (2012) *Vulnerability & Resilience in Vermont's Mobile Home Parks.* Vermont Statewide Housing Conference. Burlington, VT. November 15, 2012
- \***Baker, D.,** Hamshaw, S., Hamshaw, K., Woodward, S. (2012) *Emergency Management Issues for Mobile Home Park Communities.* Presented at the Vermont Emergency Management Conference. Killington, VT. Sept. 17, 2012
- \***Baker, D.** (2012) *Building Resilience through Community-Based Action Research: Identifying Vulnerabilities and Facilitating Change in Rural Mobile Home Parks.* Presented to the USDA Disaster Resilience Program Project Directors Webinar. Sept. 11, 2012.
- \***Baker, D.** (2012) *Why Rebuild Our Mobile Home Parks?* Presented to the graduate program in architecture.

Dartmouth College. Norwich, VT March 21, 2012

\***Baker, D.** and Hamshaw, K. (2012) *Why Rebuild Our Mobile Home Parks?* Presented to the Vermont Mobile Home Finance Roundtable. University of Vermont. Burlington, VT February 16, 2012

**Baker, D.** (2012) *Origin of Migrant, Support Networks and Public Opinion: Summary of 2011 Research on Latino Agricultural Labor in Vermont.* Vermont Agricultural Labor Roundtable. UVM, Burlington, VT 2/9/12

\***Baker, D.** and Hamshaw, K. (2011) *Building Resilience through Community-Based Action Research: Identifying Vulnerabilities and Facilitating Change in Rural Mobile Home Parks: Issues for LEPC #5* Presented to Central Vermont Local Emergency Planning Committee. Barre, VT Nov. 28, 2011

\***Baker, D.** and Hamshaw, K. (2011) *Building Resilience through Community-Based Action Research: Identifying Vulnerabilities and Facilitating Change in Rural Mobile Home Parks: Issues for LEPC #1.* Presented to Chittenden County Emergency Planning. Winooski, VT Sept. 13, 2011

\* **Baker, D.** and Chappelle, D. (2011) *Overview of Hispanic Dairy Labor in Vermont.* Presented to the Vermont Latino Agricultural Labor Roundtable. Burlington, VT Mar. 2, 2011

\* Chappelle, D. and **Baker, D.** (2011) *Migrant Farmworker Health Needs Assessment: Central and Northeastern Vermont.* Presented at the Northeast Kingdom Health Access for Latino Farmworkers meeting. St. Johnsbury, VT. Feb. 4, 2011

\* **Baker, D.** (2011) *Engineering and International Community Development: A Decade of work in Honduras.* Vermont Technical College. Williston, VT. Jan. 27, 2011.

\* **Baker, D.** and Chappelle, D. (2010) *Views on Agricultural Labor in Vermont.* Presented at the Vermont Farm Bureau Annual Meeting. Woodstock, Vermont. Nov. 5, 2010

\* **Baker, D.** (2010) *Building a Better World: Engineering & International Development.* Keynote speaker. The National Society of Professional Engineers: Northeast Regional Meeting. Burlington, Vermont. Sept. 10, 2010

\* **Baker, D.** (2010) *Experiences Teaching Multiculturalism Here and Abroad.* Presented to the University of Vermont College of Agriculture and Life Science. University of Vermont, Burlington, VT. Mar. 26, 2010

\***Baker, D.** and Chappelle, D. (2010) *Migrant Workers and the Agricultural Labor Force On Vermont Dairy Farms.* Presented at the Northeast Organic Farming Association (NOFA) Winter Conference. Burlington, VT

\* **Baker, D.** ( Nov. 2009) *Project Management Strategies for Academic Courses* Community University Partnerships (CUPS) Program. University of Vermont, Burlington, VT

\* **Baker, D.** and Mason, N.. (Dec. 2008) *Integrating Engineering and Community Development in Rural Honduras.* Vermont Engineers Without Borders. University of Vermont. Burlington, VT

\* **Baker, D.** and Hamshaw, K. (Nov. 2008) Two presentations on mobile home parks: *Mobile Home Deconstruction and Recycling, and Opinions of Mobile Home Park Residents on Quality of Life, Community Organizing and Engagement.* Vermont Affordable Housing Coalition Montpelier, VT

\* **Baker, D.** Vermont Department of Environmental Conservation, Vermont Agency of Natural Resources (April 2008) *Action Research and Innovations in Mobile Home Park Communities.* Montpelier, VT

\* **Baker, D.** (Feb. 2008) *Sustaining International Engineering Community Development Programs.* Ohio State University Columbus, OH

\* **Baker, D.** (2007) *Integrating Civil Engineering and International Community Development.* Ohio State University Columbus, OH

\* **Baker, D.** (2004) *Linking Vermont Maple Syrup to Ecological Sugarcane Production in Honduras.* Northeast Organic Farming Association (NOFA) Randolph, VT

## **Grants**

\* 2024 to present - Co-Principal Investigator. *Small Ruminant Dairy Development and Milk Quality.* USDA funded through Northeast Dairy Innovation Center, \$250,000

\* 2024 to present- Co-Principal Investigator. *Manufactured Home Communities Flood Resilience Planning,* Vermont Dept. of Environmental Conservation. \$170,000

\*2023 - Co-Principal Investigator *Vermont Manufactured Housing Community Flood Risk Assessment.* Funded by the Vermont Agency of Natural Resources.

\*2023 - Co-Principal Investigator *Urgent Needs in Vermont Manufactured Housing Communities Impacted by July 2023 Flooding.* University of Vermont Office of Research



- \*2022 to present - Principal Investigator *Farmworker Housing Repair Loan Fund*. \$46,000 Sub-Award through the Champlain Housing Trust with funding from the Vermont Housing and Conservation Board
- \*2022 - Principal Investigator *Vermont Dairy Farm Safety Innovation Project*. USDA funded through Northeast Dairy Innovation Center, \$350,000
- \* 2022 - Co-Principal Investigator *Collaborating Towards Increased Climate Resilience and Adaptation for Mobile Home Park Communities in Maine, New Hampshire, and Vermont*. \$19,413. Sub-Award through the University of Maine with funding from the National Oceanic and Atmospheric Association (NOAA)'s Climate Adaptation Partnership
- \* 2022 - Co-Principal Investigator *Farm Worker Mental Health Support Assessment*. Vermont Agency of Agriculture, Food and Markets. \$53,500
- \*2022 - Co-Principal Investigator, *Research on the Potential for Development of the Goat Dairy Sector in Vermont*. Land O'Lakes dba Vermont Creamery, LLC. \$125,000
- \*2021 - Principal Investigator, Co-P.I. Katie Wells, MPH, MD. *Rapid Assessment and Training for Dairy Farm Emergency Health Response*. \$29,979. Funded by the Vermont Dept of Health
- \* 2020 Principal Investigator - Developing multi-stakeholder approaches to dairy personnel health and well-being. \$9,928. Funded by USDA Hatch
- \*2018/2019 Principal Investigator – Migrant Stress following the 2016 Election: Impacts on Vermont's Latino Farmworkers - \$15,000. Funded by USDA Hatch
- \* 2016 Principal Investigator - Vermont Dairy Farmers Views on Agricultural Labor's Changes and Challenges. \$15,000. Funded by USDA Hatch
- \*2016 – Co- Principal Investigator. “Consumer Satisfaction with Energy Efficient Manufactured Housing in Vermont”. Funding from the Vermont Housing & Conservation Board through the Vermont Center for Rural Studies. One year research project on energy efficient manufactured homes. Vermont Housing & Conservation Board
- \*2014 – Co-Principal Investigator. Vermont Community Foundation. “Emergency Planning and Exercising for Resilient Mobile Home Park Communities” \$8,000. One year research and training program working with vulnerable communities in mobile home parks in Vermont.
- \*2012 – Principal Investigator – “Adjusting to Vermont: Stress Among Latino Farmworkers & State Policy Development” Research investigating migrant health issues in Vermont. \$30,000. Funded by USDA Hatch
- \*2011 – Principal Investigator – “Assessment of the Health Needs of Hispanic Farmworkers in Vermont.” One year research project investigating migrant health issues in Vermont. \$15,000. Funded by USDA Hatch
- \*2010 – Principal Investigator. United States Dept. of Agriculture (USDA) Agriculture and Food Research Initiative (AFRI) “Building Resilience through Community-based Action Research: Identifying Vulnerabilities and Facilitating Change in Rural Mobile Home Parks.” This is a three-year project to increase the resilience to disasters for low-income residents of mobile home parks in Vermont. \$396,051
- \*2010 - Faculty adviser. URECA! Award. \$2,939. “Technical Investigation of the Slow Sand Filter in Jaitique, Honduras” Faculty advisor to student awarded funds to evaluate a water filtration project in rural Honduras.
- \*2010 — Principal Investigator. \$17,000. Research on access to healthcare for migrant farm workers in Vermont. Funded by the Bi-State Primary Care Association
- \* 2008- 2010- Principal Investigator - \$60,000. This three year research investigates the agricultural labor situation in Vermont, the social networks that support migrant labor, and state-level policy options for addressing agricultural labor issues in the state. Funded by USDA Hatch
- \* 2008 - Faculty adviser. URECA! Award. \$2,995. “Reducing Deforestation and Health Impacts through Sugar Cane Oven Designs in Honduras” Faculty advisor to student awarded funds to study emissions and alternatives in more efficient sugar-cane oven designs.
- \* 2007 - American Business Fellow. Funded by the U.S. State Department and managed by Partners of the Americas. This fellowship funded technical assistance in marketing and cooperative organizational development for small scale *panela* producers in Honduras.
- \* 2007 - Principal Investigator. Dairy Spanish. \$4,000. This grant funds a graduate student to prepare, implement and assess an intensive, innovative Spanish language training program for Vermont dairy farmers
- \* 2007 - Project Director. \$5,000. Funded by the Gorter Foundation through the Vermont Chapter of Partners of the Americas to support project implementation in Honduras.

- \* 2006 - Faculty adviser. URECA! Award - \$411.47. Faculty advisor to student awarded funds to study the effect of communication practices on participation by low-income occupants of mobile home parks in Vermont. Project title is Improving Communication Systems for Mobile Home Park Residents and Local Officials
- \* 2005 - Principal Investigator: Mobile Home Deconstruction. Funded by the Vermont Department of Conservation, Agency of Natural Resources, \$3,240. Funds provided to design, manage and analyze the feasibility of deconstructing (recycling) mobile homes.
- \* 2005 - Principal Investigator: University of Vermont International Incentive Grant. This grant created linkages between the Lake Champlain Basin/University of Vermont and Lake Yojoa Municipal Watershed Planning Association (AMUPROLAGO) - One year, \$1000
- \* 2005 - Faculty adviser. URECA! Award - \$2,322. Faculty advisor to student awarded funds to investigate the use of documentary film as a tool for development for Indian schoolchildren.
- \* 2004 - Principal Investigator: \$146,000. Honduras Ministry of Agriculture, the Inter-American Development Bank and the University of Vermont provided funds and support to train 200 farmers in the new evaporator technology.
- \* 2003 - Project Director. \$3,000. Funds awarded by the Kevin D. Gorter Memorial Foundation to research into ecological sugar cane production and processing to assist with lay water quality monitoring programs in Honduras.
- \* 2003 Faculty adviser. URECA! Award - \$1,800. University of Vermont grant funds faculty and student research into Water Quality Assessment in Taulabe, Honduras
- \* 2003 – Principal Technical Consultant - \$70,000. Assisted in the production and management of a grant to the Honduran Ministry of Agriculture to develop a revolving loan fund for ecological sugarcane evaporators,
- \* 2003 - Project Director. \$5,000. Funds awarded by the Kevin D. Gorter Memorial Foundation to fund research into ecological sugar cane production and processing in Honduras.
- \* Vermont Integrated Research and Extension Competitive Awards, 2001 with Jane Kolodinsky. This grant seeks to promote food security and economic development in northwestern Vermont by expanding the community development benefits of farmers markets. Two years, \$39,924
- \* Faculty adviser. URECA! Award - This grant funds faculty and student research into Community Environmental Health Assessment in Taulabe, Honduras. One year \$1,000.
- \* Faculty adviser. SUGR/FAME Award - This grant funded faculty and student research to assist a women's micro-finance project in Honduras - One year, \$3,000
- \* Federal Emergency Management Agency Project Impact. This grant, applied for through the Northwest Regional Planning Commission, improved community preparedness for natural disasters. Three years, \$300,000.
- \* Sustainable Agriculture and Education (SARE) -- This farm-based research compared different varieties of wheat and edible dry beans to expand organic grain production possibilities. \$13,108.

### **Commentary & Media**

- \* **Baker, D.** (2025) *Working together to protect migrant farmworkers and support our dairy farms*. VT Digger. Feb. 16, 2025
- \* **Baker, D.** (2020) *Dairy industry at particular risk from pandemic*. VT Digger. April 14, 2020
- \* Radio Interview (2019) : WDEV. Dave Gram Show. Dairy labor research summary with Naomi Wolcott-MacCausland. Oct. 17, 2019
- \* Television Interview (2019) : WCAX News 10-9-19 “Still in the Shadows, Part 3” and “Vermont has taken steps to help migrant farmworkers.”
- \* **Baker, D.** (2018) *Local Emergency Planning and Preparedness*. VT Digger. August, 2018.
- \* **Baker, D.** (2014) Commentary: *Community Resilience and CAT2: Vermont's Catastrophic Planning Exercise*. Vermont Public Radio, Colchester, VT May 29, 2014

### **Vermont Legislative Testimony**

- \* **Baker, D.** (2025) *Migrant Dairy Farmworker Workplace Safety and On-Farm Housing Projects in Vermont* Testimony to the Vermont House Committee on Agriculture, Food Resiliency, and Forestry. Montpelier, VT.



March, 19, 2025

- \* **Baker, D.** (2023) *Vermont's Migrant Dairy Labor: Interim reports from projects to address needs and improve well-being.* Vermont Senate Agriculture Committee February 2, 2023
- \* **Baker, D.** (2022) *Farmworker Housing Repair Project: Need, Methods and Anticipated Outcomes* Testimony to the Vermont Senate Agriculture Committee February 9, 2022.
- \* **Baker, D.** (2021) *Vermont Latinx Farmworker Housing - Research Findings and Recommendations.* Testimony to the Vermont Senate Agriculture Committee February 16, 2021.
- \* **Baker, D.** (2021) Vermont Latino Dairy Farmworker Housing: Summary of Research Findings & Recommendations. Testimony Presented to the Vermont House General, Housing and Military Affairs Committee & Agriculture and Forestry Committee April 21, 2021
- \* **Baker, D.** (2020) *Research Findings Relevant to Complications from COVID-19 Facing Latino Dairy Farmworkers in Vermont.* Testimony to the Vermont Senate Agriculture Committee April 23, 2020
- \* **Baker, D.** (2012) *Public Policy Implications of Foreign Labor in Vermont.* Presented to the Vermont Senate Agriculture Committee. Montpelier, VT Feb. 22, 2012
- \* **Baker, D.** (2012) *Vermont's Mobile Home Parks: Summary of Policy Opportunities following Tropical Storm Irene.* Testimony to a joint meeting of the Vermont Senate Committee on Economic Development, Housing & General Affairs and the House Committee on General, Housing and Military Affairs. Montpelier, VT Feb. 16, 2012
- \* **Baker, D.** (2012) *Vermont's Mobile Home Parks: Summary of Issues, Vulnerabilities and Opportunities following Tropical Storm Irene.* Testimony to the Finance Committee of the Vermont State Senate. Montpelier, VT Feb. 1, 2012.
- \* **Baker, D.** (2012) *Vermont's Mobile Home Parks: Summary of Issues, Vulnerabilities and Opportunities following Tropical Storm Irene.* Testimony to the Vermont House General, Housing and Military Affairs Committee. Montpelier, VT Jan. 13, 2012.

### **Professional Licenses and Certificates:**

- \* Homeland Security Exercise and Evaluation Program (HSEEP) 2013
- \* Homeland Security Advanced Evaluator Training 2013
- \* Wilderness First Responder. Received May 2009, recertified May 2012
- \* Certified Crop Advisor, national & regional certification. Received July 2000
- \* 100 ton U.S. Coast Guard Captain's license, St. Thomas, USVI: March 1986

### **University Service**

University of Vermont Institutional Review Board (IRB), 2019 to present  
College of Agriculture and Life Science Carrigan Awards Committee 2017  
College of Agriculture and Life Science Carrigan Awards Committee 2016  
College of Agriculture and Life Science Alumni Awards Committee 2015  
College of Agriculture and Life Science Carrigan Awards Committee 2015  
Faculty Search Committee – Rubenstein School of Natural Resources. 2014 to 2015  
Project Advisor – UVM Engineers without Borders. Jan. 2012  
UVM International Advisory Committee. (2009 to 2013) This is a university-wide, transdisciplinary advisory committee that advises on the development of policy for international education at UVM  
CDAE International Programs Committee (1998 to present)  
Oxfam Student Club advisor – Dec. 2011 to 2013  
Morrill Hall Building Security Liaison (2010 to present)  
UVM Community-University Partnerships (CUPS) grant review committee. February 2011  
College of Agriculture and Life Science Deans Search Committee (June 2008 to May 2009)  
UVM International Education Committee. (2008)

### **Peer Reviewer**

Journal of Ethnic and Migration Studies 2025  
Agriculture and Human Values 2024, 2025  
Journal of Extension 2020, 2021, 2022, 2024  
Urban Studies 2024  
Journal of Immigrant and Minority Health, 2021, 2022, 2023

Natural Hazards Review 2013, 2016, 2018, 2019  
Latino Studies 2018  
Agroecology and Sustainable Food Systems, 2018  
Oxford Development Studies 2015  
Natural Hazards Review 2014  
Housing Policy Debate 2014  
Journal of Agromedicine. 2012  
Journal of Rural and Community Development. 2012

### **Statewide and Community Service**

Convener/Facilitator - Farmworker Housing Roundtable - 2020 to 2023  
Energy Efficient Mobile Homes Advisory Committee. High Meadows/Vermont Energy Investment Corporation. 2013 to 2018.  
Resilient Landscapes and Communities Working Group of the Institute for Sustainable Communities. March 2013.  
Member of the advisory group developing a long-term plan for Vermont  
State of Vermont Hazard Mitigation Planning Committee – Oct 2012 to 2013. Alternatives to the Mobile Home Working Group – June 2012 to Dec 2012. This is a statewide working group organized by the Vermont Housing and Conservation Board comprised of directors or deputy-directors from a number of state agencies dealing with housing in Vermont, directors or deputy-directors from major housing non-profits and academia looking at alternative options for manufactured housing.  
Project Advisor –*Targeted Strengthening of Municipal Hazard Mitigation Planning Pilot Project*. Hazard Mitigation Grant. December 2012 to December 2015

### **Appointments and Elected Positions:**

- \*Elected, President Starksboro Historical Society, Secretary 2022 to present, Treasurer 2020 to present
- \* Elected, Secretary and Treasurer, Starksboro Historical Society, Secretary 2018 to 2022t, Treasurer 2020 to 2022
- \* Elected: President, Vermont Partners of the Americas (POA) Sept. 2006 to present. Elected Treasurer, POA Feb. 2003 to Aug. 2006, Appointed: Board of Directors, POA. July 2000 to present.
- \* Appointed: Chair, Starksboro Development Review Board, March 1998 to March 2005. Vice-chair 2005 to July 2010. Original appointment: March 1993
- \* Elected: Starksboro Planning Commission: March 1992 to March 2010
- \* Elected: Chair Addison Co. Intermodal Surface Transportation Enhancement Act (ISTEA) Technical Advisory Steering Committee, March 1997. Appointed to committee March 1996
- \* Appointed: Addison County Regional Planning Commission: January 1995 to 1997. Appointed: Addison Co. Regional Planning Commission Executive Board, Sept. 1996-1997