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EDUCATION

Ph.D. Agricultural Education and Communication. GPA: 4.0 (December 2008)
Concentration: Extension Education; Minor: Environmental Education
Dissertation: Predicting Engagement in a Conservation Easement Agreement
University of Florida, Gainesville, FL

M.S. Rural Extension Studies. GPA: 4.0 (December 2005)
Thesis: Agricultural Education and Consumer Awareness in Oxford County
University of Guelph, Ontario (ON), Canada

B.A.H. European Studies; Minor: German. Honours: With distinction (May 2004)
University of Guelph, ON/University of Konstanz, Germany

* **Note:** Items in blue indicate updates since arriving at Utah State University (USU).

* **Note:** Items in green indicate Undergraduate student collaborations.

* **Note:** Items in orange indicate Graduate student collaborations.

PROFESSIONAL EXPERIENCE

Assistant Professor, Sustainable Communities Extension Specialist. Utah State University, Logan, UT (August 2011-Present)

- 75% Extension, 15% Teaching, 10% Service
- Facilitate household, neighborhood, and community-level proenvironmental change.
- Teach undergraduate/graduate sustainable living (ENVS 5570) and communicating sustainability (ENVS 4700).
- Designed statewide USU Extension Sustainability initiative including website (extension.usu.edu/sustainability), fact sheets, Facebook (<http://www.facebook.com/UsuExtensionSustainability>), Twitter (<http://twitter.com/USUExtensionSus>), Blog (<http://usuextensionsustainability.blogspot.com/>), sustainability camp for kids and developing sustainability certification trainings for adults.
- Chair, National Extension Sustainability Summit (<http://wrdc.usu.edu/htm/programs/ess/>)
- Program coordinator: Utah Farm-Chef-Fork program & USU Permaculture initiative
- Created & coordinated 1st annual USU Earth Week: Events published in 14 newspaper articles. Designed 1st Student Sustainability Fair & Poster Session. Received sustainability pledges from over 1,000 students. Reached over 5,000 students.

Naturalist Instructor. Yellowstone Association, Gardiner, MT (April-August 2011)

- Updated and taught programs concerning Yellowstone's natural, geologic, and cultural history. Programs varied in length from 1-6 days; participant age ranged from 12 months to 85 years. Group size varied from 2-28 people.

- Primary programs included Spring Wolf and Bear (Lodging and Learning), Wildlife Watching on the Northern Range (Private Tour), Geology and Natural History of Yellowstone's Interior (Private Tour), and Dayhiking in Yellowstone (Private Tour).
- Assisted wolf biologists in interpretation of Yellowstone's gray wolf (*canis lupus*) population.

After School Science Teacher. SpaceTime, Denver, CO (August 2010-March 2011)

- Taught science-based workshops, camps and enrichment programs to kids grades K - 6th.
- Facilitated science-based programs at SpaceTime events and assemblies.
- Developed and taught afterschool science classes to various schools in the metro Denver area.

Summer Teacher/Naturalist. Great Smoky Mountains Inst. at Tremont, TN (May-July 2010)

- Designed hands-on, experiential curriculum for youth and adults in outdoor settings.
- Led backcountry hikes while teaching about biological and environmental sciences.
- Created and implemented citizen science research programs on salamander, snake, and bird populations within the Great Smoky Mountains National Park.

4-H Environmental Educator. Rock Eagle 4-H Center, Eatonton, GA (March 2009-May 2010)

- Worked in the State 4-H Office to secure grant funds and develop, implement, and evaluate statewide Extension programs.
- Taught environmental education classes for K-12th grade students.
 - Course topics ranged from lake ecology to forest management
 - Modified herpetology, lake ecology, and lake assessment curriculum
 - Conducted laboratory research, animal husbandry, and created fact sheets for wildlife & aquatics laboratories

Graduate Research & Teaching Assistant. Department of Agricultural Education and Communication, University of Florida (January 2006 – December 2008)

- Lead instructor for AEE 3030: Effective Oral Communication (Fall 2007, Spring & Summer 2008)
 - Taught campus-wide course (Fall: 210 students; Spring: 180 students, Summer 85 students)
 - Coordinated three laboratory teaching assistants per semester
 - Designed all new lecture material & facilitated course management via WebCT/e-Learning
 - Created and administered quizzes, in class exercises, final exam, and assigned final grades
- Co-Instructor for AEE 4500: Program Development and Evaluation (Spring 2008)
 - Co-taught course lectures and designed lecture material (30 students)
 - Evaluated student teaching and graded student research papers (15 students)
- Laboratory instructor in AEE 3030: Effective Oral Communication (Fall 2006: 3 laboratory sections; Spring 2007: 2 laboratory sections; Summer 2007: 2 laboratory sections; Fall 2007: 2 laboratory sections)
 - Mentored students with public speaking anxiety (15 students/section over 4 semesters)
 - Evaluated presentations and graded student reflection journals
 - Served as guest lecturer to the campus-wide course (200+ students)
- Graduate coordinator for Florida Agricultural & Natural Resource (AGNR) Awareness Initiative (Spring 2006-Summer 2007)
 - Collaborated with FL extension leaders to create an AGNR awareness site: (www.floridaaginfo.com)
 - Developed online database of AGNR-related educational materials, programs, and organizations
 - Conducted statewide needs assessment and developed project summary report for all Florida extension agents and leaders
- Curriculum development & outreach specialist: Florida Farm Bureau (FFB) Leadership Foundations Workshop on Enhancing Organizational Interactions (Spring 2006-Spring 2007)
 - Designed a four-hour professional development trainer module for FFB executive staff
 - Trained FFB executive staff on module use for statewide implementation

- Designed and published 40-page participant manual for statewide workshops
- Research associate: Scientific Thinking and Educational Partnership (STEP initiative) (Summer 2006 - Spring 2007)
 - Developed STEP educational material
 - Coordinated cross-campus meetings between researchers, professors and students
- Teaching/grading assistant for AEE 3303: Research and Business Writing (Summer 2006)
 - Advised students in developing effective research studies
 - Mentored students in building their resume and preparing for job interviews
 - Served as guest lecturer to the campus-wide course (100+ students)
- Consultant: *Worker Protection Standard* evaluation module for pesticide applicators and agricultural workers (Spring 2006)
 - Prepared and pilot-tested evaluation questions
 - Developed and administered pre-posttest evaluation instrument

Research Assistant. Public Health Department: Region of Waterloo, ON (June-August 2005)

- Lead researcher for Region of Waterloo Redundant Food Trade Study: “Increasing Local Food Production, Processing and Consumption.”
 - Audited proportion of locally grown produce in grocery stores during Ontario’s peak growing season
 - Analyzed data and reported to key stakeholders

Agronomist Assistant. Waterloo-Oxford Farmers Cooperative: Ayr, ON (May-September 2004, 2005)

- Conducted soil testing, disease and insect identification, field reports, and wheat grading
- Delivered agricultural innovations workshops to dairy, beef, and cash-crop farmers

Graduate Teaching Assistant. Department of Rural Extension Studies: University of Guelph, ON (September 2004-May 2005)

- Directed laboratory of 30 students in AGR 3400: Sustainable Rural Communities (Spring 2005)
 - Assisted with development of effective presentation skills & research projects
 - Graded sustainable rural community research papers
- Consultant: Guelph Business Enterprise Centre (GBEC) strategic planning workshop (Fall, 2004)
 - Conducted strengths, weaknesses, opportunities, & threats needs assessment with GBEC members
 - Presented results to GBEC and developed a strategic plan via Nominal Group Technique

UNIVERSITY TEACHING EXPERIENCE

- [USU, ENVS 4700: Communicating Sustainability. Spring, 2013 & 2014.](#)
- [USU, ENVS 5570: Sustainable Living. Spring, 2012.](#)
- University of Florida, AEE 3030: Effective Oral Communication. Fall 2007, Spring & Summer 2008.

GRADUATE THESES SUPERVISED

Lead Advisor:

[Koldewyn, J. \(2015, Anticipated\). *Sustainable Cities Initiative and Utah State University: A community service learning program model.* Plan A Thesis: Advisor.](#)

[Thomas, B. \(2014, Anticipated\). *Renewable energy in extension: Message framing and communication techniques with extension clientele.* Plan A Thesis: Advisor.](#)

[Kilmer, C. \(2012, Spring\). *Where’s the Justice? A review of the local food movement through a reflexive lens.* M.S., Human Dimensions, Utah State University. Environment and Society, Plan B Thesis: Co-advisor.](#)

Committee member:

Robertson, P. (2015, Anticipated). *Public perceptions of renewable energy in Utah*. Environment and Society, Dissertation: Committee member.

Hull, T. (2014, Anticipated). *Toward a theory of hunter stewardship development*. Environment and Society, Dissertation: Committee member.

Clark, J. (2013, Spring). *No child left inside week: A pilot program*. Environment and Society, Plan B Thesis: Committee member.

External Committee member

Weir, M. (2013, anticipated). *Success factors for small-scale diversified farms*. Agricultural Economics, Plan A Thesis: External committee member.

Morath, J. (2016, anticipated). *Cognitive effects of interaction with nature and urban environments*. Psychology, Dissertation: External committee member.

Ladd, K. (2013, Spring). *Jack London: Landscape, Love and Place*. English, Plan A Thesis: External committee member.

Dzikowski, J. (2012, Spring). *A critical evaluation of the sustainable sites initiative's guidelines and performance benchmarks 2009 as applied to the design and development of the Orem Intermodal Center*. Landscape Architecture and Environmental Planning, Plan B Thesis: External Committee Member.

UNDERGRADUATE THESES SUPERVISED

Harvey, I. (2014, anticipated). *Sustainability Camp for Latinos in Action students*. Environment and Society, Capstone Project: Advisor.

Harper, M. (2013, Summer). *Student-initiated campus sustainability: Strategies for success*. Environment and Society, Undergraduate Honors Thesis: Advisor.

PEER REVIEWED PUBLICATIONS

Brain, R., Upton, S., & Tingey, B. Extension sustainability camp: Design, implementation, and evaluation. Manuscript submitted to the *Journal of Extension*.

Clark, J., Radel, C., Brain, R., & Greene, J. Developing, Implementing, and Evaluating a No Child Left Inside pilot program. Manuscript submitted to the *Journal of Applied Environmental Education and Communication*.

Brain, R. & Niehaus, E. Permaculture design extension workshops: Development, implementation and evaluation. Manuscript submitted to the *Journal of Extension*.

Harper, M. & Brain, R. Student-initiated campus sustainability programs: Strategies for success. Manuscript submitted to the *International Journal of Sustainability in Higher Education*.

Tainter, J., Taylor, T., Brain, R., & Lobo, J. (2013). Sustainability. *SAGE publications: Emerging Trends in the Social and Behavioral Sciences*, in press.

Brain, R., Hostetler, M., & Irani, T. (2014). Why do Cattle Ranchers Participate in Conservation Easement Agreements? Key Motivators in Decision Making. *Agroecology and Sustainable Food Systems*, 38(3): 299-316. Available at: <http://www.tandfonline.com/doi/abs/10.1080/21683565.2013.819479#.Ut6kNmTn9T4>

- Brain, R. & Thomas, B. (2013) Undergraduate students as sustainability consultants: Applying service-learning to enhance career skills and foster community environmental sustainability. *Sustainability: The Journal of Record*, 6(5), 277-281.
- Ladd, K. & Brain, R. (2013). Demystifying the cowboy through his song: How cowboy poetry and music create a common language between multiple-use conservationists and forever-wild preservationists to meet the goals of sustainable agriculture. *Agroecology and Sustainable Food Systems*, 37(6). Available at: <http://www.tandfonline.com/doi/full/10.1080/21683565.2013.763886#.UZT-hitASOV>
- Brain, R., Irani, T., & Monroe, M. (2013). Researching and Communicating Environmental Issues among Farmers and Ranchers: Implications for Extension Outreach. *The Journal of Extension*, 51(3). Available at <http://www.joe.org/joe/2013june/a4.php>
- Brain, R. (2012, September). Changing lives in a semester: A teaching approach to help with tenure and promotion while providing an experience they'll never forget. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 56(3), 83-84. Available at: http://www.nactateachers.org/attachments/article/1983/Teachingtips_Sept2012.pdf
- Brain, R.G., Fuhrman, N.E., & De Lay, A.M. (2009). Characterizing "good" teaching in nonformal settings. *NACTA Journal* 53(3), 50-55.
- Brain, R., Irani, T., Hodges, A., & Fuhrman, N. (2009, April). Agricultural and natural resources awareness programming: Barriers and benefits as perceived by county extension agents. *Journal of Extension*, 47(2). Available at: <http://www.joe.org/joe/2009april/a3.php>
- Rhoades, E., Brain, R., Telg, R., Irani, T., & Roberts, O. (2006). Bridging borders: Organizing short-term agricultural communication study abroad programs. *Journal of Applied Communications* 90(2), 17-27.
- Brain, R., Hyland, K., Kutuadu, F., Kent, E., Moyer, K., & Pitt, C. (2005). Exploring the *soft* side of capacity development: Using facilitation to solve an information communication technology (ICT) problem. *Capacity.org* 24(1), 7-8.

REFEREED EXTENSION FACT SHEETS

- Greene, B., Mesner, N., & Brain, R. (2014, February). Rainwater harvesting. USU Extension Publication: sustainability/2014/02pr. Submitted.
- Burningham, B. & Brain, R. (2014, February). Practicing environmental etiquette in Utah's Deserts. USU Extension Publication: sustainability/2014/01pr. Available at: http://extension.usu.edu/files/publications/publication/sustainability_2014-01pr.pdf.
- Brain, R. & Thomas, B. (2013, December). Permaculture. USU Extension Publication: sustainability/2013/17pr. Available at: https://extension.usu.edu/files/publications/publication/Sustainability_2013-17pr.pdf
- Poirier, M., Brain, R., & Barajas, E. (2013, June). Strategies to improve recycling in natural areas. USU Extension Publication: sustainability/2012/15pr. Available at: http://extension.usu.edu/files/publications/publication/Sustainability_2012-15pr.pdf
- May, W., Brain, R., & Stafford, E. (2013, May). Wind power in Utah. USU Extension Publication: sustainability/2012/16pr. Available at: http://extension.usu.edu/files/publications/publication/sustainability_2012-16pr.pdf
- Burningham, J. & Brain, R. (2013, May). Home gardening: Quick tips to efficient watering. USU Extension Publication: sustainability/2012/01pr. Available at: http://extension.usu.edu/files/publications/publication/Sustainability_2012n-01pr.pdf
- MacAdam, J. & Brain, R. (2013, May). Beef production & consumption: Sustainable alternatives. USU

Extension Publication: sustainability/2012/04pr. Available at:
https://extension.usu.edu/files/publications/publication/Sustainability_2012-04pr.pdf

Brain, R. & Waldbillig, H. (2013, February). Urban edibles: Weeds. USU Extension Publication: sustainability/2012/06pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainability_2012n-06pr.pdf

Waldbillig, H. & Brain, R. (2013, January). Urban edibles: Ornamentals. USU Extension Publication: sustainability/2012/05pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainability_2012n-05pr.pdf

Cook, S., Ma, Z., & Brain, R. (2013, January). Rangeland carbon sequestration. USU Extension Publication: sustainability/2013/13pr. Available at:
http://extension.usu.edu/files/publications/publication/sustainability_2013_13pr.pdf

Brain, R. & Stapp, J. (2013, January). Biking as an alternative mode of transportation. USU Extension Publication: sustainability/2012/12pr. Available at:
http://extension.usu.edu/files/publications/factsheet/Sustainability_2012n-12pr.pdf

Derr, T. & Brain, R. (2013, January). Freestores: What, why & how. USU Extension Publication: sustainability/2012/10pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainabilityn_2012-10pr.pdf

Haycock, J., Anderson, K., & Brain, R. (2013, January). Meat-wise eating habits. USU Extension Publication: sustainability/2012/07pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainabilityc_2012-07pr.pdf

Bytheway, P. & Brain, R. (2013, January). Designing your home for maximum natural light. USU Extension Publication: sustainability/2012/03pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainabilityn_2012-03pr.pdf

Thomas, B., Tingey, B., & Brain, R. (2013, January). Easy steps to reduce your energy bill. USU Extension Publication: sustainability/2012/02pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainability_2012n-02pr.pdf

Brain, R. & Waldbillig, H. (2012, October). Reuse: Creating a next life for common items. USU Extension Publication: sustainability/2012/11pr. Available at:
http://extension.usu.edu/files/publications/publication/Sustainability_2012_11pr.pdf

Brain, R. (2012, September). The local food movement: Definitions, benefits, & resources. USU Extension Publication: sustainability/2012/09pr. Available at:
https://extension.usu.edu/files/publications/publication/Sustainability_2012-09pr.pdf

Waldbillig, H. & Brain, R. (2012, August). Vermicomposting. USU Extension Publication: sustainability/2012/08pr. Available at:
https://extension.usu.edu/files/publications/publication/Sustainability_2012-08pr.pdf

INVITED PUBLICATIONS

Brain, R. (2009, April). Mitigation banks: How to cash in on development. *Florida Agriculture: The Voice of Agriculture in Florida*, 69(4), 13.

Brain, R. (2008, December). Growing food, not houses: Thoughts about conservation easements. *Florida Agriculture: The Voice of Agriculture in Florida*, 68(12), 13.

Brain, R., Hyland, K., Kutuadu, F., Kent, E., Moyer, K., & Pitt, C. (2005). Using facilitation to solve an ICT problem. *The Communication Initiative, Issue #330*. Feature Article.

REFEREED PRESENTATIONS AND POSTERS

Thomas, B. & Brain, R. (2014, September). *Renewable energy in Extension: Societal and developmental synergies and conflicts*. Abstract submitted to the 2014 Extension Energy and Environment Summit, Iowa State University, Ames, IA.

Brain, R. (2014, March). *Designing sustainability camps for youth*. Presented at the 2014 eXtension National Conference, Sacramento, CA.

Brain, R. (2014, March). *Using positive messaging and social media to reach new Extension clientele*. Presented at the 2014 eXtension National Conference, Sacramento, CA.

Gardner, P. & Brain, R. (2014, March). *USU Extension Sustainability*. Poster presented at the Intermountain Sustainability Summit, Weber State University, Ogden, UT.

Gardner, P. & Brain, R. (2014, March). *USU Extension Sustainability: Using social media*. Poster presented at the USU Extension Annual State Conference, Logan, UT.

Brain, R. & Niehaus, E. (2014, March). *USU Permaculture Initiative*. Presented at the USU Extension Annual State Conference, Logan, UT.

Brain, R. & Thomas, B. (2014, January). *Applying service-learning to enhance career skills and foster community environmental sustainability*. Presented at the 2014 Utah Campus Compact conference, Moab, UT.

Thomas, B. & Brain, R. (2013, October). *Using participatory action research to foster successful large-scale campus sustainability events*. Poster accepted at the Association for the Advancement of Sustainability in Higher Education (AASHE) annual conference, Nashville, TN.

Jones, C., Apel, M., Brain R., Cooper, K., Elliott, C., Kalenak, R., Kantor, S. Kruger, C., and McDonnell, J. (2013, September). *Communicating climate and sustainability issues through extension programming*. Galaxy Supersession Proposal submitted to the Galaxy IV Conference – Bridging the Centuries: A New Era for Extension, Pittsburgh, PA.

Shirley, L. & Brain, R. (2013, June). *Life Literacy: Education for a Sustainable Future*. Presented at the 2013 Family and Consumer Sciences Education Summer Conference, Provo, UT.

Thomas, B. & Brain, R. (2013, June). *Campus-wide participatory planning: Moving quickly from thought to action*. Paper presented at the 2013 North American Colleges and Teachers of Agriculture (NACTA) Conference, Blacksburg, VA.

Hanks, D., McAvoy, D., & Brain, R. (2013, April). *Energy educational programming in biomass: Research, outreach, and collaboration*. Extension program presented at the National Energy Extension Summit, Fort Collins, CO.

Stuver, M. & Brain, R. (2013, February). *Discovering sustainable resources in Utah through Cooperative Extension*. Poster presented at the 2013 USU Extension Annual Conference, Logan, UT.

Brain, R. & Ladd, K. (2013, January). *Transitioning conservative students into environmental leaders through service learning: A step-by-step guide for educators*. Paper presented virtually at the 9th International Conference on Environmental, Cultural, Economic and Social Sustainability, Hiroshima, Japan. As of January 8, 2013, 32 views.

Brain, R. (2012, October). *Fostering university-wide sustainable behaviors through service learning: A classroom transition from theory to real world application*. Paper presented at the AASHE annual conference, Los Angeles, CA.

- Callewaert, J., Brain, R., & Malan, L.C. (2012, June). *Sustainability cultural indicators*. Discussion symposium at the 2012 annual meeting of the Association for Environmental Studies and Sciences (AESS), Santa Clara, CA.
- Brain, R. (2012, May). *Cultural influences on ranchers' decisions to engage in a conservation easement agreement*. Research presented at the 2012 National Association of Community Development Extension Professionals (NACDEP) Conference, Park City, UT.
- Brain, R., Irani, T., & Hostetler, M. (2012, May). *Key influences on decisions to enter into conservation easement agreements: Tools for Extension*. Poster accepted at the 8th Annual Association of Natural Resource Extension Professionals (ANREP) Conference, Hendersonville, NC. Note: Could not attend due to scheduling conflict with NACDEP (both conferences held on the exact same days).
- Brain, R. & Schmidt, R. (2012, March). *Creating Environmental Leaders through Service Learning: A Transition from Theory to Real World Application*. Presented at the 9th Biennial Conference of University Education in Natural Resources, Colorado State University, Boulder, CO.
- Mills, R. & Brain, R. (2012, March). *USU Extension: A resource in recycling and sustainability for residents, communities, and organizations*. Paper presented at the 3rd Annual Intermountain Sustainability Summit, Weber State University, Ogden, UT.
- Brain, R. (2012, March). *Greening your gardening, eating, and shopping experience: Easy tips and techniques toward a more sustainable lifestyle*. Paper presented at the 3rd Annual Intermountain Sustainability Summit, Weber State University, Ogden, UT.
- Fuhrman, N.E., & Brain, R.G. (2010, June). *Graduate Students as Evaluation Consultants: Making and Measuring Impact on Natural Resource Extension Programs*. Paper accepted at the 7th Annual ANREP Conference, Fairbanks, AK. Note: Could not attend due to budgetary constraints.
- Brain, R., Irani, T., & Israel, G. (2010, June). *Predicting Engagement in a Conservation Easement Agreement: Tools for Extension*. Poster accepted at the 7th Annual ANREP Conference, Fairbanks, AK. Note: Could not attend due to budgetary constraints.
- Fuhrman, N.E., & Brain, R.G. (2009, November). *Questionnaire development and photography: So many similarities!* Workshop accepted for presentation at the 2009 National Association of Agricultural Educators Convention. Nashville, Tennessee. Note: Could not attend due to budgetary constraints.
- Brain, R., Monroe, M., & Irani, T. (2009, October). *Environmental Identity as a Predictor of Conservation Behavior among Farmers/Ranchers*. Paper presented at the 38th annual North American Association for Environmental Education (NAAEE) Research Symposium, Portland, OR.
- Brain, R., Irani, T., & Monroe, M. (2009, October). *Rancher Perceptions of Conservation Easements: A Constructivist Study*. Paper presented at the 38th annual NAAEE Research Symposium, Portland, OR.
- Fuhrman, N.E. & Brain, R.G. (2009, October). *Partnering with Teachers to Evaluate Environmental Education Programs*. Paper presented at the 38th annual NAAEE Research Symposium, Portland, OR.
- Fuhrman, N.E. & Brain, R.G. (2009, June). *E-value-mericals: Sharing student-created broadcasts of evaluation best practices*. Paper presented at the 55th Annual NACTA Conference, Stillwater OK.
- Fuhrman, N.E. & Brain, R.G. (2009, June). *Measuring "good" teaching: Student developed teaching evaluation rubrics*. Paper presented at the 55th Annual NACTA Conference, Stillwater OK.
- Fuhrman, N., & Brain, R. (2008, June). *Defining the best teaching in nonformal settings: A phenomenological study*. Paper presented at the 54th Annual NACTA Conference, Logan, UT.

- Kaufman, E.K., Rhoades, E.B., Brain, R.G., & Jones, D.W. (2008, June). *Retaining the best: Exploring the influence of communication apprehension*. Paper presented at the 54th Annual NACTA Conference, Logan, UT.
- Brain, R., & Irani, T. (2008, May). *Agricultural and Natural Resources Extension Outreach Efforts in a Changing World*. Poster presented at the 6th Annual ANREP Conference, Madison WI.
- Brain, R., & Sanders, C. (2008, March). *A day in the life of an Extension agent: Revealing the "best kept secret."* Poster presented at the 24th annual Association for International Agricultural and Extension Education (AIAEE) conference, EARTH University, Costa Rica.
- Brain, R., & Irani, T. (2007, November). *University-wide change using Community-Based Social Marketing*. Paper presented at the 36th annual NAAEE Conference, Virginia Beach, VA.
- Brain, R., & Rudd, R. (2007, July). *Enhancing Florida Farm Bureau Organizational Interactions through Active, Thematic Instruction: "Lessons Learned from George Strait!"* Paper presented at the annual conference of the Association of Leadership Educators (ALE), Fort Worth, TX.
- Fuhrman, N.E., Brain, R.G., & De Lay, A.M. (2007, June). *Graduate students' perceptions of "good teaching": A phenomenological analysis*. Paper presented at the 53rd Annual NACTA Conference, Urbana-Champaign, IL.
- Brain, R.G., & Fuhrman, N.E. (2007, February). *Perceptions of Florida Extension leaders regarding the need for a comprehensive agricultural and natural resources awareness website*. Paper presented at the annual conference of the Southern Association of Agricultural Scientists (SAAS), Mobile, AL.

EXTENSION, INVITED PRESENTATIONS, WORKSHOPS AND GUEST LECTURES

- Brain, R. & Lynch, J. (2014, February). *Utah Farm-Chef-Fork*. Presented at the Annual Urban & Small Farms Conference, Thanksgiving Point, Lehi, UT.
- Brain, R. (2013, October). *The positive side of sustainability outreach*. Environmental Design and Rural Development (EDRD) 3400: Sustainable Communities, University of Guelph, Ontario, Canada.
- Brain, R., Burr, S., & Coppick, L. (2013, October). *Extension outreach in Environment and Society*. ENVS 6840: Graduate Orientation Seminar, USU, Logan, UT.
- ZoBell, D., Curtis, K., Brain, R. et al. (2013, March). *How to better use campus-based extension faculty and resources*. Panel discussion, Utah State University (USU) Extension Annual Conference, Logan, UT.
- Brain, R. (2013, February). *USU extension sustainability: Development, implementation and future direction of Utah's statewide cooperative extension sustainability initiative*. ASTE 6200: Principles and Practices of Extension Education, USU, Logan, UT.
- Brain, R. (2013, February). *Extension sustainability: Research, outreach, and communication techniques to foster positive change*. Spring Seminar Series Speaker. FASB 295, University of Utah Global Change & Sustainability Center: Salt Lake City, UT.
- Brain, R. (2012, December). *USU Extension Sustainability*. IVC Broadcast delivered across the state (As of January 8, 2013: 66 views)
- Brain, R. & Waldbillig, H. (2012, October). *Vermicomposting*. Presented at the 9th Annual Intermountain Bioneers Sustainability Conference: First Presbyterian Church, Logan UT.
- Brain, R. (2012, October). *Behavior and community action*. Workshop delivered at the 9th Annual Intermountain Bioneers Sustainability Conference: First Presbyterian Church, Logan UT.

- Brain, R. (2012, October). *Food Sustainability: Utah State University Extension Sustainability*. Fact sheets and extension sustainability information delivered at the 2012 Campus Food Day, USU, Logan, UT.
- Brain, R. (2012, October). *Making sense of "sustainability": Fostering targeted pro-environmental behaviors*. ENV5 6480: Graduate Orientation Seminar, Utah State University (USU), Logan, UT.
- Brain, R. (2012, October). *Sustain your life; Utah State University Extension Sustainability*. Fact sheets and extension sustainability information delivered at the Student Sustainability Office Concert. Utah State University (USU), Logan, UT.
- Brain, R. (2012, October). *Effective public speaking*. Soc 6800: Teaching Strategies for Sociology, Utah State University (USU), Logan, UT.
- Brain, R. (2012, October). *Migrations: Moving your audience with effective nonformal teaching techniques*. Keynote speaker: 23rd Annual Utah Environmental Education Conference, Bear River Migratory Bird Refuge, Brigham City, UT.
- Brain, R. (2012, September). *Workplace, customer and community engagement networking*. Net Impact: 2nd Annual Utah Business Sustainability Conference, Salt Lake City, UT.
- Brain, R., Macadam, J., Reeve, J., & Steinitz, T. (2012, September). *Local Agriculture and Sustainability*. USU Ag Week: Sustainable Agriculture Panel, Logan, UT
- Brain, R. (2012, September). *Vermicomposting! Sustain your life: Utah State University Extension Sustainability*. Fact sheets and extension sustainability information delivered at the 5th Annual Celebration of Children and Families, USU, Logan, UT.
- Brain, R., Waldbillig, H., Ladd, K., & Greene, J. (2012, August). *Sustain your life: Utah State University Extension Sustainability*. Fact sheets and extension sustainability information delivered at the annual EarthWell Sustainable Earth Wellness Festival, Jordanelle State Park, UT.
- Brain, R. & Waldbillig, H. (2012, July). *Do the wiggle! Using worms to create garden magic and reduce your environmental footprint*. Workshop delivered at the Utah 4-H Centennial Celebration Leadermete Workshop Series, Logan, UT.
- Brain, R. & Hall, K. (2012, February). *Effective marketing strategies for establishing and sustaining a CSA*. Presented at the 9th Annual Diversified Agriculture Conference, Layton, UT.
- Brain, R. (2012, February). *Sustainability dilemmas*. ENV5 5550/6550: Sustainability: Concepts and Measurement, USU, Logan, UT.
- Brain, R. (2012, February). *Marketing and outreach techniques for the USU Student Organic Farm*. PSC 4900: Student Farm Practicum, USU, Logan UT.
- Brain, R. (2012, February). *Students as environmental change agents: Fostering major campus-wide sustainability efforts in one semester*. Presented at the Utah Campus Compact Moab Faculty Retreat, Moab, UT.
- Brain, R. & Clark, J. (2012, January). *"Paper or Plastic?" How will you answer?* Science Unwrapped Series Exhibit, USU, Logan, UT.
- Brain, R. (2011, November). *Natural resources interpretation: Strategies for success*. ENV5 4600/6600: Natural Resource Interpretation, USU, Logan, UT.
- Brain, R., & Armstrong B. (2011, November). *Moving from thought to action*. Research presented at the 8th Annual Bioneers Sustainability Conference: USU Eccles Conference Center, Logan UT.

- Brain, R. (2011, November). *Sustainability theory and application*. ENVS 2340: Natural resources policy and economics, USU, Logan, UT.
- Brain, R. (2011, October). *Mapping sustainability in Cache County*. ENVS 1990: Professional orientation for environment and society, USU, Logan, UT.
- Brain, R. (2011, October). *Environmental and health risks associated with plastic water bottles*. "Tapped" documentary and panel discussion, USU, Logan, UT.
- Brain, R. (2011, October). *Sustainable communities and USU Extension*. Presented at the Northern and Southern Region Extension Meetings: Kaysville & Richfield, UT.
- Brain, R. (2011, September). *Sustainability in Gardening and Eating*. Presented at the 2011 Utah State Master Gardener Conference: The American West Heritage Center, Wellsville, UT.
- Brain, R. (2011, August). *Cattle ranchers and conservation easements*. Research presented at the College of Natural Resources Fall Seminar Series, USU, Logan, UT.
- Brain, R. (2010, March; 2009, February). *Fostering effective and sustainable behavior change*. ALDR 7070: Program development for agricultural leaders, University of Georgia, Athens, GA.
- Brain, R. (2008, December). *Predicting engagement in a conservation easement agreement*. Research presented at Florida Farm Bureau's 2008 Council of Presidents Meeting: Gainesville, FL.
- Brain, R. (2008, August). *Quick tips for reducing your nerves before presenting or teaching*. Presented at the University of Florida's Graduate Teaching Assistant Orientation: Gainesville, FL.
- Brain, R. (2008, July). *Effective public speaking*. Wedgworth Leadership Institute presentation delivered at Florida Farm Bureau: Gainesville, FL.
- Brain, R. (2007, November). *Fostering behavior change via community-based social marketing*. Workshop conducted at the 1st Annual Greeks Going Green Summit, University of Florida: Gainesville, FL.
- Fuhrman, N.E., & Brain, R.G. (2007, July). *The power of persuasion: Strategies for getting others to change their behavior*. 4-H workshop conducted at Reitz Union, University of Florida: Gainesville, FL.
- Brain, R.G., & Fuhrman, N.E. (2007, April). *Applying social marketing theory to establish rapport & trust on a one-on-one basis*. AEE 4506: Nonformal teaching methods, University of Florida, Gainesville, FL.
- Brain, R.G., & De Lay, A. (2007, March). *Cultivating university-wide change using community-based social marketing*. Paper presented at the 7th Annual IFAS/CALS Graduate Research Symposium, Gainesville, FL.
- Brain, R.G., Carter, H., & Kaufman, E. (2007, February). *Enhancing organizational interactions: Lessons learned from George Strait*. Workshop conducted at the Florida Farm Bureau: Gainesville, FL.
- Rudd, R., Brain, R., & Kaufman, E. (2006, July). *Strengthening the Voice: Florida Farm Bureau Organizational Management*. Workshop conducted at the Florida Farm Bureau: Gainesville, FL.

GRANT ACTIVITY

- Galiher, R. *, Williams, S. * Muntz, H. * Sapp, J., Brain, R., & Roberts, A. * (2014, April). *Cache High Community Garden: Collaborative Community-Based Horticulture and Sustainable Living Education*. \$9,775.20. USU Extension Grants Program 2014-2015 – Submitted.
- Brain, R., Waite, P., Steinitz, T., & Niehaus, E. (2014, April). *USU Extension Permaculture Initiative*. \$10,000. USU Extension Grants Program 2014-2015 – Submitted.

- Brain, R. (2014, March). *USU Extension Sustainability Social Media Intern*. \$4,000.00. USU Extension Internship Program – Funded.
- Harvey, I., & Brain, R. (2014, February). *Initiation of a “Plant Start” Program for Migrant Head Start in Providence*. \$346.00. Undergraduate Service Learning Grant for ENVS 4700: Communicating Sustainability – Funded.
- Harvey, I., & Brain, R. (2014, February). *Designing and Implementing Environmental Sustainability Curricula for the Latino Community in Logan, Utah*. \$1,983.00 Office of Research and Graduate Studies: Undergraduate Research and Creative Opportunity (URCO) grant – Funded.
- Damitz, S. & Brain, R. (2013, November). *Blue Goes Green house solar panels*. \$4,000.00. Utah State University Clear the Air Carbon Offset Grant – Funded.
- Koldewyn, J. & Brain, R. (2013, November). *True Blue Reuse Sale Infrastructure*. \$1,740.00. Blue Goes Green Grant Program – Funded.
- Coulombe, R., Brain, R., Doucette, W., Lefevre, M., Martin, R., & Stevens, J. (2013, September). *Translational Research and Community Action to Address PM 2.5 Air Pollution Health Risks*. \$3,374,363.00. National Institute of Health (NIH). Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants – Rejected.
- Brain, R. (2013, August). *Campus Permaculture Garden*. \$500.00. Slow Food Utah Micro-Grant – Funded.
- Brain, R. & Thomas, B. (2013, April). *Renewable energy in extension: Message framing and communication with extension clientele*. \$2,642.00. USU Extension Grant Program – Funded.
- Brain, R. & Shirley, L. (2013, April). *Life literacy: Education for a sustainable future*. \$10,000. USU Extension Grant Program – Funded.
- Sorenson, C., Ladd, K., & Brain, R. (2013, March). *Aggie Village Compost*. \$720.00. Blue Goes Green Grant Program – Funded.
- Stapp, M. & Brain, R. (2013d, March). *Aggie Shuttle bike racks project*. \$2,836.00. Blue Goes Green Grant Program – Funded.
- Brain, R., Larese-Casanova, M., & Kuhns, M. (2012, September). *USU Extension Sustainability Website & Certification Training Series Development*. \$9,800.00. USU Extension New Specialist Grant – Funded.
- Brain, R. Curtis, K., & Hall, K. (2012, May). *Farm-Chef-Fork: Establishing enhanced farm to restaurant communication and sourcing across Utah*. \$29,095.62. Utah Department of Agriculture and Food: Specialty Crops Block Grant Program – Funded.
- Brain, R., Hamlen, S., & Mills, R. (2012, May). *USU Sustainability in Extension (USU-SE) Website Design*. \$4,500. USU Extension Grants Program – Funded.
- Hawks, A., Reeve, J., & Brain, R. (2012, April). *USU Student Organic Farm internship*. \$2,002.57. Blue Goes Green Grant Program – Funded.

MULTI-STATE RESEARCH/EXTENSION WORKING GROUPS

- Community, Local and Regional Food Systems: 189 leaders & members
- Cooperatives: 89 leaders & members
- eOrganic: 131 leaders & members

- Sustainable Ag Energy: leaders & 236 members
- Water Conservation for Lawn and Landscape: 85 leaders & members

STUDENT EVALUATION OF TEACHING:

Spring 2012 ENVS 5570 Sustainable Living: 32 Students

Item	Raw Avg out of 5	Converted scores compared to all classes*
Progress on Essential Objectives	4.5	60: Higher
Excellent Teacher	4.6	57: Higher
Excellent Course	4.3	56: Higher
Learning to <i>apply</i> course material (to improve thinking, problem solving and decisions)	4.8	65: Much Higher
Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	4.4	57: Higher
Developing specific skills in working with others as a team member	4.5	60: Higher

*Note: Converted scores compared to all classes in the IDEA database. All scores have the same average (50) and the same variability (a standard deviation of 10), about 40% of classes fall between 45 and 55.

Selected Student Comments for Spring 2012 ENVS 5570: Sustainable Living

- “This course was the most useful course I have ever taken in my four years as an undergrad and one year as a grad student. Roslynn designed and executed her course with expertise, fun, creativity, and taught me so much for my future career as a professional and goals as a student...I walked away from [the course] feeling as though I had made a difference in my own life, on campus, and in my career. Thank you, Ros, for being one of the finest professors I have ever had.”
- “I was extremely comfortable and welcome. It wasn’t just a class where you come in and disappear into the class. There was a lot of one on one with Professor Brain. I loved it.”
- “I love!!!! That this was a hands-on learning class. I really learned more than just the subject. It was indescribable how this class changed me and my future.”
- “She’s a great teacher who is passionate about the subject, one of the three best teachers I have had the pleasure to learn from at this University.”
- “The professor was passionate and took time to get to know us, more so than others. I honestly believe she wanted to bring out our best side. She is very efficient and used a wide variety of teaching methods. Lastly, she introduced a lot of new ideas that sparked our interest and got our minds turning”
- “I really appreciated that the Professor was so engaged and enthusiastic about the subject matter. I know she bleeds green, sustainable droplets of environmentalism”
- “Thank you for a very fun, informative class, I will recommend you as a professor to others. And the university should give you a raise 😊”

TEACHING AND ADVISING AWARDS

- 2008 North American Colleges and Teachers of Agriculture National Graduate Student Teaching Award, (2008, June)
- 2008-2009 University of Florida Agricultural Education and Communication Graduate Student Teaching Award (2008, April)
- 2008 Jack L. Fry Award for Excellence in College Teaching (2008, April)

HONORS

- Chair-elect of the specialists association - Nominated by Dr. Kynda Curtis (2013, February)

- [Nominated by Dr. Steven Burr for the 2013 New Specialist Award with USU Cooperative Extension \(2013, February\)](#)
- [USU Extension Sustainability Website nominated by USU Extension Marketing for the Association for Communication Excellence in Agriculture, Natural Resources, Life and Human Sciences 2013 Website Awards category \(2013, January\)](#)
- Dissertation nominated for 2008 IFAS Award of Excellence for Graduate Research
- University of Florida International Center: Certificate of Outstanding Achievement (2007, March; 2008, May)
- Fostering Sustainable Behavior Workshop Scholarship: \$300 USD. University of Florida: Office of Sustainability (2007, January)
- Ontario Graduate Scholarship in Science and Technology: \$5000 CAD. University of Guelph (Winter 2005)
- Eco-Scholarship. Guelph Organic Conference: \$200 CAD. (2004, October)
- Soden Memorial Scholarship in Agriculture: \$3,000 CAD. University of Guelph (Fall 2004)
- German Embassy Prize. University of Guelph, German Studies Department (Winter 2004)
- Austrian Embassy Prize University of Guelph, German Department. (Winter 2002)
- Academic All Canadian. University of Guelph, Athletics Department (Fall, Winter 2001-2002)

MEMBERSHIPS AND PROFESSIONAL SOCIETIES

- [National Association of Community Development Extension Professionals \(2013-present\)](#)
- [Bridgerland Audubon Society \(2013-present\)](#)
- [Utah Society for Environmental Education \(2013-present\)](#)
- National Association for Interpretation (2011-present)
- Land Trust Alliance (2008-present)
- National Wildlife Federation (2007-present)
- Nature Conservancy U.S.A. (2007-present)
- Alpha Tau Alpha: University of Florida Epsilon Chapter (2007-present)
- The Wildlife Society: Florida Chapter (2007-present)
- Gamma Sigma Delta: The Honor Society of Agriculture (2007-present)
- The Wildlife Society (2007-present)
- North American Association for Environmental Education (2006-present)
- Association of Natural Resource Extension Professionals (2006-present)
- Nature Conservancy of Canada (2006-present)
- Association for International Agricultural and Extension Education (2006-present)
- North American Colleges and Teachers of Agriculture (2006-present)
- University of Florida Zero Waste Task Force (2006-2008)

PROFESSIONAL DEVELOPMENT

- [Center for Innovative Design and Instruction: Academy for E-learning Excellence. Certification, Utah State University, Logan, UT, December 17, 2013.](#)
- [Community Rebuilds: Permaculture and Rainwater Harvesting Workshop. USU Moab Campus, Moab UT, March 13-16, 2013.](#)
- [Collaborative Institutional Training Initiative, Social and Behavioral Modules, Basic Course Certification, Utah State University, Logan, UT, March 01, 2012.](#)
- [Write Winning Grants Seminar. Riverwoods Conference Center, Logan UT, December 1, 2011.](#)
- Certified Interpretive Guide & Leave No Trace Instructor Certification, National Association for Interpretation, Yellowstone Association, Gardiner, MT. April 2-25, 2011.
- Flying Wild workshop for environmental educators, Rock Eagle 4-H Center, Eatonton, GA. August 28, 2009.

- Wet, wild, and woodsy workshop for teachers/educators (Florida Project Wet, Project Wild, & Project Learning Tree), Jacksonville Zoo and Gardens, Jacksonville, FL. July 27-28, 2007.
- Schoolyard Wildlife Professional Development Workshop, Ocala, FL: Silver River State Park, June 9, 2007.
- Graduate Professional Development Workshop, Gainesville, FL: University of Florida IFAS, February 16, 2007.
- Fostering Sustainable Behavior Advanced Workshop by Dr. Doug McKenzie-Mohr. Gainesville, FL: Sustainable Alachua County, January 18-19, 2007.
- 7th Annual College of Agricultural and Life Sciences Teaching Enhancement Symposium. University of Florida Hilton Hotel and Conference Center, August 17, 2006.
- International Extension Systems Field Trip: USDA-CSREES (United States Department of Agriculture: Cooperative State Research, Education, and Extension Service), USAID (United States Agency for International Development), ACDI-VOCA, FAO (Food and Agriculture Organization), IFPRI (International Food Policy Research Institute), Chemonics, World Bank Organization, Washington DC, March 27-31, 2006.
- Institute of Food and Agricultural Sciences (IFAS) Extension Leadership Development Workshop. *LEAD IFAS*. Haines City, Florida, March 19-22, 2006.

PROFESSIONAL SERVICE

- [Western Region Program Leadership Committee: Sustainable Agriculture Writing Panel. San Diego, CA \(May 19-21\).](#)
- [Board Member: Canyonlands Field Institute. Moab, UT \(April 2014-present\).](#)
- [Chair-Elect. Campus-Based Extension Group. USU Cooperative Extension \(March 7 2013-present\).](#)
- [Search Committee Member. Assistant Professor: Extension and Outreach Education. School of Applied Sciences, Technology & Education, College of Agriculture, USU.](#)
- [Site supervisor. Waldbillig, H. Gardening Outreach Internship. 675 hours \(\\$2,114 Education Award\). AmeriCorps Utah Campus Compact \(May 2012-June 2012\).](#)
- [Site supervisor. Bickmore, C. Gardening Outreach Internship. 675 hours \(\\$2,114 Education Award\). AmeriCorps Utah Campus Compact \(May 2012-June 2012\).](#)
- [Undergraduate supervisor & Extension Research Assistant advisor. Stuver, M. Sustainability in Extension \(January 2012-August 2013\).](#)
- [Board Member: Bridgerland Audubon Society. Logan, UT \(April 2012-December 2013\).](#)
- [Coordinator: Science Unwrapped Series. Sustainability focus: Department of Environment and Society, Utah State University \(USU\) \(January 2012\).](#)
- [Advisor: Student Organization for Society and Natural Resources, College of Natural Resources, Utah State University \(October 2011-present\).](#)
- [Environment and Society Faculty Representative: Sustainability Council. Utah State University, Logan, UT \(September 2011-present\).](#)
- [Reviewer: Blue Goes Green Student Grant Program proposals submitted to USU's Office of Student Sustainability. Spring 2013 funding total: \\$8,411.00, matched with \\$11,175 in-kind. Fall 2012 funding total: \\$20,946.10, matched with \\$27,359.24 in-kind. Spring 2012 and Fall 2011 funding total: \\$29,423.57, matched with \\$43,310.00 in-kind. Note: omitted from reviewing & judging proposals where listed as collaborator.](#)
- [Reviewer: Teaching and Learning Sustainability and Conservation Education abstracts for the 2009 North American Association for Environmental Education Conference \(March 2009\).](#)
- [President: Agricultural Education and Communication Graduate Student Association, University of Florida \(2007-2008\).](#)
- [Extension Education Graduate Student Representative: Agricultural Education and Communication Advisory Council, University of Florida \(2006-2008\).](#)
- [Judge: State 4-H Public Speaking Contest, University of Florida \(July 2007\).](#)

- Graduate Student Representative: Search and Screen Committee for Assistant or Associate Professor in Leadership Education, University of Florida (September 2006-February 2007).
- Facilitator: Latonell Research Symposium – Celebrating Communication for Social and Environmental Change, University of Guelph, Ontario, Canada (November 16-18, 2005).

ADDITIONAL LANGUAGES

- Fluent in German (oral and written)