1. **Name:** Rust to Green Binghamton (R2GB): Living with Water Program

2. **Host background Information:** Up to three positions are available under R2GB and local hosts include the City of Binghamton Office of Economic Development and Cornell Cooperative Extension Broome County (both in Binghamton), Civic Ensemble, as well as a campus position in the Dept. of Natural Resources. The **City of Binghamton's Office of Economic Development (BEDO)** is committed to a vision of building and strengthening our diverse community by providing government services that foster economic vitality, sustainable growth, civic engagement, citizen participation and neighborhood stability. **Cornell Cooperative Extension Broome County (CCE Broome)** puts knowledge to work in pursuit of economic vitality, ecological sustainability and social well-being. CCE Broome brings local experience and research based solutions together, helping New York State families and communities thrive in our rapidly changing world. **Civic Ensemble** creates theatre that explores and explores the social, political, and cultural issues of our time. Civic Ensemble has run successful educational programs, such as the pilot ReEntry Theatre Program. **BEDO** and **CCE Broome** are local leaders in R2GB, which is a community development project centered on building community flood resilience. **Civic Ensemble**’s involvement as partners in this project centers around the role of the arts in sustainable community development and community engagement. They bring expertise and innovation around community engaged theatre as a tool for dialogue and social change.

3. **Internship Position Name/Title:** Rust to Green Binghamton Summer Scholar.

4. **Internship Position / Project Context:** Rust to Green emphasizes the role that engaged education and research can play in fostering sustainable community development and urban resilience in New York’s post-industrial rust belt cities. Toward that end, R2G interconnects academic and community knowledge networks and forms university-community partnerships working together on actionable efforts that build on and grow a community’s environmental, social, cultural and economic assets and capital. R2G is based on the belief that partnering to foster community resilience requires learning to behave and think differently. Working within community systems warrants transdisciplinary approaches to knowledge generation and synthesis and the ability to work across differences, build relationships and engender dialogue. R2GB’s **Living with Water** is grounded in place, emphasizes local voice and empowerment, and utilizes action-research methodology to shape and foster community decision-making and development contributing to Binghamton’s urban resilience and sustainability. Student engagement through research is an important part of R2G. The internship positions will be contributing to the following outcomes of this project: 1) development and evaluation of a learning network for community flood resilience including planning a Resiliency Summit, 2) participatory development of a community cultural development plan, and 3) collecting community stories of flooding, 4) mapping community stories of flood resilience, and 5) developing educational materials to enhance flood resilience (factsheets, videos, etc.). These outcomes will directly contribute to increasing local government capacity in flood resilience planning and implementation.

5. **Internship Position Description:** A 2016 Resilience Summit is being planned for October 2016 that will bring together researchers, practitioners, and community members to commemorate the 5th and 10th anniversaries of the ’06 and ’11 floods in Binghamton and provide an important venue to educate residents and decision makers about flooding and the role of local rivers in their lives. The Resilience Summit also provides an important venue for sharing knowledge being generated by the **Living with Water** student research cohort. In partnership with Cornell Cooperative Extension in Broome County and the City of Binghamton, student interns will also help to plan and support the programming and production of the Resilience Summit. Students will work with Civic Ensemble to either facilitate a story circle with residents about their flooding experiences, and/or perform a reading of a theatrical piece developed from Binghamton residents’ stories gathered by students during the summer months leading up to the summit. Students will also conduct narrative inquiry interviews and helping to facilitate community story circles with vulnerable populations affected by the 2011 flood in as a way to inform
the art and community development process with real experiences of Binghamton community members. This will also involve capacity-guiding with government officials and decision makers through the development of educational materials as well as community art projects about flooding (such as a community play, photo documentary, videos, as well as presentations at public events, such as Binghamton’s First Friday Art Walk). Key elements of the research methods include creating public performances based on local stories and mapping community assets to identify opportunities for resilience. Core research questions include exploring the ways in which culture and artistic expression impact community development and resilience. This model of public scholarship is driven by both university and community expertise and fosters a rich environment for discovering new knowledge and student learning.

6. **Basic Qualifications and Preferred Experience:** As part of this internship, the student will be part of an interdisciplinary (environment, theater arts, government, community development) and cross-sector (education, agency, university, NGO) team. Thus it is important that the successful candidate have strong communication and group process skills as well as an interest in developing these further. We are also looking for students with creativity and initiative. Qualifications include evidence of academic promise and accomplishments as demonstrated through required application materials. Also, an interest in human dimensions of natural resources research and outreach is required. Coursework that would be helpful (but not required) includes courses such as NTRES 2201 (Society and Natural Resources), NTRES 2320 (Nature and Culture), NTRES 3240 (Sustainable, Ecologically Based Management of Water Resources), NTRES 4320 (Applying Human Dimensions Perspectives to Socio-Ecological Problems), DSOC 3240 (Environment and Society), EDUC 2200 (Community Learning and Service Partnership), EDUC 3310 (Careers in Agriculture, Extension, and Adult Education), and COMM 4210 Communication and the Environment. Also, candidates should be comfortable working independently as well as contributing to the team aspects of the project. The successful candidate will need strong interpersonal communication skills and an explicit interest in developing and strengthening them as part of this internship. The student internship involves conducting outreach, so the intern must be comfortable and have an interest in working with and speaking with the public.

7. **Internship Schedule:** It is the expectation of the CALS NYS Internship Program that interns will devote 40 hours - a standard work week to the responsibilities of this position. Evening and weekend hours may be necessary to accommodate needs of the community.

8. **Expected Outcomes (for intern):** The student intern will gain skills in 1) community-based participatory action research design and implementation, 2) designing, implementing, and evaluating education and outreach materials and activities, 3) embedding art into community development processes, 4) meeting and event planning, and 5) research data analysis and reporting.

9. **Location of Assignment:** Cornell Cooperative Extension Broome County, 840 Upper Front Street, Binghamton, NY 13905. City of Binghamton Office of Economic Development, 38 Hawley St., Binghamton, NY 13901, Dept. of Natural Resources, Ithaca, NY.