The post-doctoral fellow or researcher for this proposed work will take the lead on the area of research under the supervision of the supervisor NAME. In addition to direct supervision by the supervisor NAME, TITLE, the other members of the research team will also serve as mentors to foster the post-doctoral fellow’s or researcher’s career.

Our general approach under this project is to allow the post-doctoral fellow or researcher full access to the research infrastructure and personnel at UCAR/NCAR as well as the collaborating institutions, and to promote professional development during the implementation of the postdoctoral research. Our aim is to support them to (1) develop into an independent researcher who will be successful in an academic or federal research position and (2) develop professional contacts at universities and federal research institutions. This will be accomplished through the creation of a development plan, one-on-one meetings with the supervisor and mentors, group meetings within the institution, project meetings with the partner institutions, and national and international workshops as appropriate. The post-doctoral fellow or researcher, supervisor and mentors will use the development plan as a framework for their discussions as they evaluate the progress toward attaining goals, identify challenges and barriers as well as new goals, strategize resolution, revise timelines, prioritize research efforts and develop an action plan. Regular guidance meetings during this appointment will help the postdoctoral fellow/researcher to re-assess her/his work in light of the project plan and individual career goals. The postdoctoral fellow/researcher will have resources to attend one or more scientific conferences to present results from their research, broaden their knowledge of their field, and build their professional network.

The post-graduate fellow/researcher will also be invited to take advantage of programs and resources offered by the NCAR Advance Study Program (ASP) (http://www.asp.ucar.edu/). ASP is committed to fostering the professional development of early career scientists and offers:
- Career development seminars
- Training activities and resources that provide tools and techniques to achieve professional development goals
- Networking events
- Information on job opportunities
- Peer social activities
- Guest speakers

The opportunity to mentor graduate students will be also given to the post-doctoral fellow or researcher. These balanced roles will equip the postdoctoral fellow/researcher as an independent researcher for his or her future career.

Post docs may also participate in the Advanced Study Program’s “Thompson Lecture Series” http://www.asp.ucar.edu/thompson/thompson_lecture.php. Under this program, prominent scientists are brought to NCAR for short visits that promote interaction between them and the postdocs and other junior scientists at NCAR. In addition to presenting formal lectures, the Thompson Lecturers listen to briefings on the research being conducted by ASP fellows and comment and provide advice on those research projects.

Post docs are invited to join the NCAR Early Career Scientist Assembly (ECSA) (http://www.asp.ucar.edu/ecsa/ecsa.php) which provides a forum to discuss career development topics and to host scientific leaders in the atmospheric sciences. Post docs are also encouraged to subscribe to the Earth Science job email list at http://mailman.ucar.edu/mailman/listinfo/es_jobs_net where current job postings are listed and, if female, to join the Earth Science Women’s network (www.sage.wisc.edu/eswn) which is a peer-mentoring network of women in the early stages of their careers.

The skills, collaborations and relationships created during the postdoctoral appointment serve as building blocks as she/he starts her/his career and excellent opportunities for future joint projects and publications. This postdoctoral fellow or researcher will have the opportunity to establish him/herself as a proven talented thinker and researcher, to define and make progress toward professional career goals and to advance the scientific goals of this project.